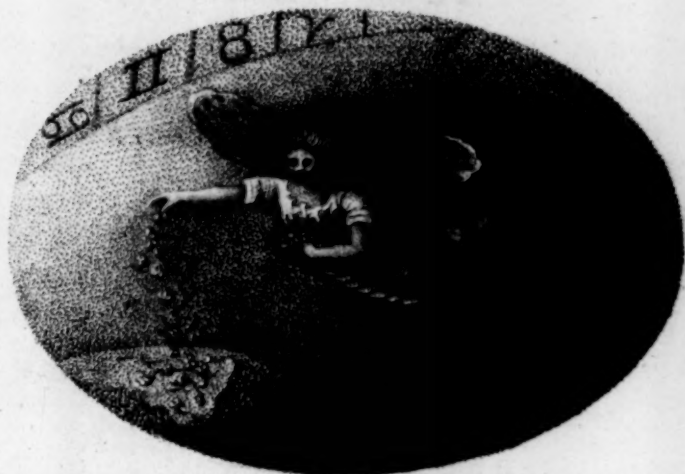


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THE  
BOTANIST'S CALENDAR,  
AND  
POCKET FLORA.



Glad ZEPHYR floats on light aurellan wing,  
Scatt'ring sweet florets in the lap of Spring;  
O'er Summer's bosom breathing fragrance pours,  
Rist'ing gay FLORA of her honied stores.

<sup>K</sup>  
Ephemerides





THE  
BOTANIST'S CALENDAR,  
AND  
*POCKET FLORA:*

ARRANGED ACCORDING TO THE  
LINNÆAN SYSTEM.

To which are added,  
REFERENCES TO THE BEST FIGURES  
OF  
*BRITISH PLANTS.*  
IN TWO VOLUMES.

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*VOLUME I.*

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LONDON:  
PRINTED BY T. BENSLEY,  
FOR B. AND J. WHITE, FLEET-STREET.

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1797.



Entered at Stationers' Hall.

## PREFACE.

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THIS LITTLE WORK is submitted to the public eye with the utmost diffidence. The COMPILER is aware that the complete BOTANIST may object to the *partial* notice of the GRASSES and RUSHES, and to the *total* omission of the minute and numerous Tribes belonging to the Class CRYPTOGAMIA: but to have included these, would have carried him beyond the limits of a POCKET COMPENDIUM; which he now publishes, with the humble view only of leading the STUDENT in Botany through the delightful wilds of blooming vegetation, to a *systematic* knowledge of those indigenous Plants

which are peculiarly striking, or beautiful:  
and to assist the investigating FAIR ONE, who,  
with nice and curious hand, crops a FLOWERING RIVAL of its blushing Sweets!

SOUTH LAMBETH,

*May 30, 1797.*

## ABBREVIATIONS.

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Those in the *Margin*, are the *Classes* and *Orders*.

*With. Arr.* - Withering's Arrangement of British Plants,  
(*third* Edition, 4 Vols.)

*Curt.* - - - Curtis's Flora Londinensis, 6 vols.

*Woodv.* - - - Woodville's Medical Botany, 4 vols.

*E. Bot.* - - - English Botany, 6 vols.

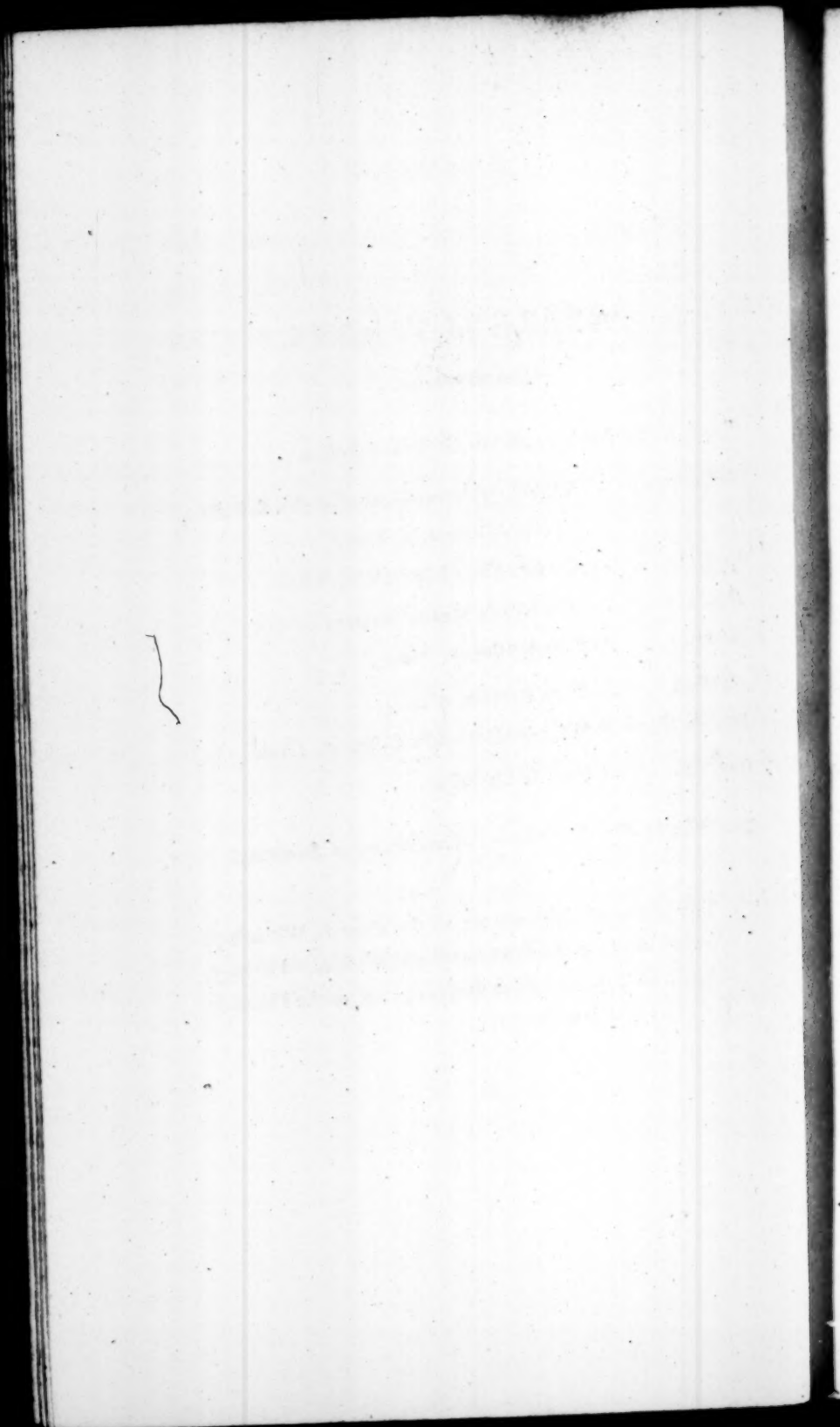
*Fl. Rust.* - - - Flora Rustica, 4 vols.

*White's Nat. Cal.* White's Naturalist's Calendar, 1 vol.

*Gen. Ch.* - - - Generic Character.

The *Months* abbreviated shew the *continuance* of flowering.

☞ The *figures of reference* are to the *Page* in Withering's Arrangement; to the *Plate* in Woodville's Medical Botany, English Botany, and Flora Rustica; and to the *Volume* in Curtis's Flora Londinensis.



THE  
Botanist's Calendar.

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JANUARY.

**PRIMULA.** *Bloss.* the tube cylindrical; mouth open: *Stem* within the tube: *Caps.* 1-celled, cylindrical, many-seeded, opening with 10 teeth: Summit a knob.

P. Leaves wrinkled, toothed; border of the blossom flat. *vulgaris.*

*With. Arr.* 233. *Curt.* 6. *E. Bot.* 4.

*Common Primrose.* Woods, hedges, thickets, and heaths, (particularly in a clayey soil.) May. Pen. Mo.

I have given the first place in this  
*Epitomized Flora* to

"The pale primrose, that dies unmarried,"

on the authority of that curious observer of nature, the late

## JANUARY.

Reverend Gilbert White, of Selborne, whose taste and leisure led him to watch "The Loves of the Plants:" and to mark, with peculiar accuracy, the earliest and the latest periods of their *flowering*. A man, who found amusement in every rural step he took:

"Tongues in the trees, books in the running brooks;  
"Sermons in stones, and good in every thing!"

In his *Naturalists' Calendar* he informs us, the Primrose has flowered in mild winters on Nov. 10, and Jan. 6. In backward springs, late as April 7.

GALANTHUS. *Petals* 3, concave :  
*Nectary* 3 smaller petals notched at the end : *Summit* undivided.

nivalis.

G. *Bloss.* white. Orchards. Meadows.

*With. Arr.* 331. *E. Bot.* 19.

*Common Snow-drop.* *Fair Maids of February.* March.



*White's Nat. Cal. Dec. 29—Feb. 5.*

*Professor Martyn in Miller's improved Dictionary, January 25, 1796.* Hex. Mo.

DA'PHNE. *Calyx* generally none.  
*Bloss.* 1 petal, regular, 4-cleft funnel-shaped: *Drupa* like a berry, 1-celled, superior.

D. Flowers sitting on the stem Mezerium.  
 mostly 3 together: leaves spear-shaped, deciduous: berries globular.

*With. Arr. 376. Woodv. 23.*

The terminating buds produce leaves; the central buds flowers. Red.

*Mezereum. Spurge olive. Woods.* March. Oct. Mo.

*White's Nat. Cal. Dec. 15—Feb. 15.*

HELLEBORUS. *Bloss.* none: *Cal.* 5 leaves, often coloured: *Nectaries* 2-lipped, tubular: *Caps.* like a legumen: many-seeded, rather upright, beaked.

foetidus.

H. Stem many-flowered, leafy :  
leaves bird-footed.Flowers numerous, somewhat glo-  
bular, green, sometimes ting-  
ed with purple at the edges.*With. Arr.* 510. *Woodv.* 19.*Bearsfoot. Stinking Hellebore.* Mea-  
dows, shady places, hedges.

Poly. Poly.

April.

*White's Nat. Cal. Dec.* 14—30.

viridis.

H. Stem many-flowered, leafy ;  
leaves finger-like.Flowers mostly 2 : yellowish  
green.*With. Arr.* 510. *Curt. 6. E. Bot.* 200.

Poly. Poly.

*Green-flowered Hellebore.* Woods,  
and dry pastures in chalky  
foil.U'LEX. *Calyx* 2-leaved : *Legumen*  
scarcely longer than the calyx.

europæus.

U. Leaves woolly, acute ; thorns  
scattered.*Bloss.* yellow, at the base of the  
thorns.*With. Arr.* 626.

*Gorze. Furze, Whins. Heaths,*  
road sides, pastures. Aug. Diad. Dec.  
*White's Nat. Cal. Dec. 4—Feb. 1.*

VERO'NICA. *Bloss.* border 4-cleft;  
the lower segment narrowest:  
*Capf.* 2 celled; notched at the  
end.

V. Flowers solitary: leaves heart- *agres' tis.*  
shaped, on leaf-stalks, shorter  
than the fruit-stalks.

*Curt. 1. With. Arr. 17.*

*Bloss.* blue; sometimes white.

*Germander. Procumbent Speed-*  
*well.* Pastures, ploughed-fields.

April. Di. Mo.

*White's Nat. Cal. Jan. 27—Mar. 15.*

CRO'CUS. *Bloss.* with 6 equal di-  
visions: *Summits* coiled.

C. Sheath 1 valve, rising from the *vé nus.*  
root: tube of the blossom very  
long. Summit in 3 short wedge-  
shaped lobes.

*With. Arr. 68. E. Bot. 344.*

*Spring Saffron, or Crocus.* Leaves  
broader, with flat edges.

Tri. Mo.

*White's Nat. Cal. Jan. 13—Mar. 18.*

**VIOLA.** *Calyx* 5-leaved, adhering to the blossom above the base: *Bloss.* 5 petals, irregular, with a spur behind: *Anthers* cohering: *Caps.* 1-celled, 3-valved.

tricolor.

**V.** Stem branched: leaves egg-shaped, toothed: calyx smooth, but half the size of the blossom. This plant is liable to almost endless varieties. Corn-fields, ditch-banks.

*With. Arr.* 262. *Curt.* 1. *Woodv.* 252.

Pen. Mo.

*Pansies.* *Heart's-ease.* Sept..  
*White's Nat. Cal.* Jan. 3.

**LONICERA.** *Bloss.* 1 petal tubular, irregular: *Berry* beneath; 1 to 3-celled; many-seeded.

Periclymenum.

**L.** Heads egg-shaped, tiled, terminating: leaves distinct, deciduous: blossom gaping. Hedges.

*With. Arr.* 246. *Curt.* 1.

*Leaves* and stem smooth. *Bloss.* red on the outside, yellowish within.

Pen. Mo.

*Woodbine.* *Honeysuckle.* June.  
*White's Nat. Cal.* Jan. 25.

# JANUARY.

7

CO'RYLUS. Male and female flowers on the same plant: *Blöff.* none.

Male; *Cal.* 1 leaf, 3-cleft, resembling a scale, containing 1 flower.

Fem. *Cal.* 2-leaved, ragged: *Nut* egg-shaped.

C. *Stipulæ* spear-shaped: twigs hairy. *Avellána.*

*With. Arr.* 378.

The styles being of a vivid crimson have a very beautiful appearance.

*Common hazel nut-tree.* April.  
Woods and hedges.

*White's Nat. Cal.* Jan. 3—Feb. 28. Oct. Di.

RANUN'CUS. *Cal.* deciduous, 5- (or 3-) leaved: *Petals* 5 (rarely 2, 3, or 8), with a nectariferous scale or pore within the claw: *Styles* permanent: *Seeds* incrustated, upright. Aug.

R. Calyx expanding: fruit-stalks furrowed: suckers creeping: leaves compound. *répens.*

*Curt. 4. With. Arr.* 509.

Poly. Poly. *Creeping Crow-foot.* Meadows.  
*White's Nat. Cal. Jan. 13.*

LA'MIUM. *Bloss.* upper lip entire, vaulted; lower lip inversely heart-shaped: mouth with a bristle-shaped tooth on each side.

purpureum. L. Leaves heart-shaped, blunt, on leaf-stalks.

*With. Arr. 527. Curt. 1.*

Flowers 6 in each leaf, in a double row.

*Red Dead-nettle. Archangel.* Rubbish, corn-fields, gardens.

Didy. Gym. Sept.

*White's Nat. Cal. Jan. 3—21.*

al'bum. L. Leaves heart-shaped, tapering to a point, ferrated, on leaf-stalks: flowers about 20 in a whirl.

*With. Arr. 526. Curt. 2.*

Flowers white; sometimes, though rarely, with a pinky tinge:

*Anthers hairy, black.*

*White Archangel. White Dead-nettle.* Rubbish, corn-fields, ditch-banks.

June.

Didy. Gym.

*White's Nat. Cal. Jan. 13.*

LEONTODON. *Receptacle* naked:

*Calyx* tiled; the inner scales parallel, equal: *Down* hair-like.

L. Outer scales of the calyx entire, reflected: leaves smooth, notched, and acutely toothed. officinális.

*With. Arr.* 679. *Curt.* 1. *Woodw.* 7.

*Bloss.* yellow, expanding about 5 or 6 in the morning, and closing early in the afternoon.

*Common Dandelion. Piss-a-bed.*

Meadows, road-sides. Sept. *Syn.* *Æqua.*

*White's Nat. Cal.* Jan. 16—Mar. 11.

SENECIO. *Recept.* naked: *Down* hair-like, long: *Calyx* conical, double: the scales as if dead at the ends.

S. Leaves winged-indentured, embracing the stem: flowers scattered. vulgaris.

*With. Arr.* 721. *Curt.* 1.

*Blossom* yellow, terminating.

*Common Groundsel. Simson. Cul-*

tivated ground, rubbish. Sept. *Syn.* *Super.*

*White's Nat. Cal.* Jan. 3—15.



## FEBRUARY.

ERIOPHORUM. *Husks* like chaff,  
tiled on every side: *Bloss.* none:  
*Seeds* encompassed by very long  
wool-like hairs.

vaginatum. E. Straw cylindrical, sheathed:  
spike skinny.

*With. Arr.* 71. *Curt.* 4.

Tri. Mo. *Hare's-tail Rush.* Single-headed  
*Cotton-grafs.* April.

RUSCUS. Stamens and pistils most-  
ly on different plants: *Bloss.*  
none: *Cal.* 6 leaves: *Nectary*  
central, egg-shaped, open at the  
top.

Male flowers, *Anthers* united.

Fem. flowers, *Berry* 3-celled:

*Seeds* generally 2.

aculeatus. R. Leaves bearing the flowers on  
the upper surface, naked.

*With. Arr.* 68. *Woodw.* 237.

Tri. Mo. *Knee Holly.* *Butchers' Broom.*  
Woods, thickets, hedges.

April.



BE'TULA. Male and female flowers on the same plant: *Cal.* 1 leaf, with 3 or 5 clefts: *Bloss.* with 4 divisions.

Male. *Cal.* 3-flowered.

Fem. *Cal.* 2-flowered: *Seeds* 2 or 3.

B. Fruit-stalks branched, wedge-shaped, very blunt: leaves roundish, glutinous: veins underneath woolly at the base.

*With. Arr.* 206.

*Catkins* brown. March. Tet. Di.

*Alder, Owlcr.* Near water.

VI'OLA. See Gen. Ch. page 6.

V. Leaves heart-shaped: suckers creeping. Floral leaves above the middle of the fruit-stalk.

*With. Arr.* 260. *Curt.* 1.

*Bloss.* rich blue purple, smelling very sweet.

*Sweet Violet.*

April.

Warm hedge, and ditch-banks, moist warm lanes; in clay or marle.

NARCIS'SUS. *Bløff* superior, of 6 equal petals: *Nectary* of 1 leaf, furrounding the stamens, mostly funnel-shaped.

psuedo-  
narcis sus.

N. Sheath 1-flowered: nectary bell-shaped, upright, curled; as long as the petals: petals egg-shaped.

*With. Arr.* 332. *E. Bot.* 17.

*Stalk* 2-edged. *Petals* egg-spear-shaped, straw-coloured. *Nec.* a full yellow: the rim a little plaited and snipt.

Hex. Mo.

*Common Daffodil.* March.

Woods, meadows, and sides of hedges.

CERA'STIUM. *Calyx* 5-leaved: *Petals* cloven: *Caps.* 1-celled, opening at the top.

púmilum.

C. Flowers with 5 stamens: petals cloven, as long as the calyx: capsule twice as long.

*With. Arr.* 435. *Curt.* 6.

Dec. Pen.

*Moufe-Ear,* March.

Dry banks near Croydon.

FRAGA'RIA. *Calyx* 10-cleft: *Petals* 5: *Seeds* naked, smooth, on a receptacle which is egg-shaped, coloured, deciduous, resembling a berry.

F. Stem prostrate, without creeping runners. *stérilis.*

*With. Arr.* 473. *Curt.* 3.

Flowers solitary white.

*Barren Strawberry.* May.

Barren pastures, heaths, hedge-banks.

*White's Nat. Cal.* Feb. 1—Mar. 26. *Ico. Poly.*

RANUNCULUS. See Gen. Ch. page 7.

R. Leaves heart-shaped, angular, on leaf-stalks: stem 1-flowered: flowers with 8 petals: calyx with 3 leaves. *Ficária.*

*With. Arr.* 503. *Curt.* 2.

Petals 8 or 9, bright yellow.

*Common Pilewort. Lesser Celandine.* Meadows, pastures, ditch-banks, South Lambeth. *Po'y. Poly.*  
April.

LA'MIUM. See Gen. Ch. page 8.

amplexi-  
caule.

L. Floral-leaves fitting, embracing the stem, blunt.

*With. Arr.* 527. *Curt.* 2.

*Bloss.* purple. June.

Didy. Gym.

*Great Henbit. Henbit Archangel.*  
Sandy corn-fields, cultivated grounds.

TAX'US. Male and female flowers on different plants: *Bloss.* none: *Calyx* a 4 or 7-leaved bud.

Male *Anthems* target-shaped, 8-cleft.

Fem. *Style* none: *Seed* 1 surrounded at the base by a pulpy receptacle; the upper half naked.

baccata.

T. Leaves solitary, strap-shaped, prickly-pointed, near together: receptacle of the male flowers somewhat globular.

*With. Arr.* 614.

Berries when ripe, red. April.

Mon. Poly.

*Common Yew Tree.*

*White's Nat. Cal.* Feb. 14--Mar. 27.

TUSSILA'GO. *Recept.* naked: *Down*  
hair-like: *Calyx* scales equal, as  
tall as the surface of the florets,  
somewhat membranaceous.

T. Stalk with 1 flower, tiled: Far'fara.  
leaves somewhat heart-shaped,  
angular, finely toothed.

*With. Arr.* 719. *Curt.* 2.

*Bloss.* yellow.

April.

*Common Coli's-foot.* Pastures and  
moistish places, in stiff-clayey Syng. Super.  
soil, and on limestone rubbish.

## MARCH.

VERONICA. See Gen. Ch. page 5.

hederæfolia. V. Flowers solitary : leaves heart-shaped, flat, 5-lobed.

*With. Arr.* 17. *Curt.* 2.

*Bloss.* pale blue. May.

Di. Mo.

*Small Henbit.* Ivy-leaved Speedwell. Hedge-banks, ploughed fields.

FRAXINUS. *Cal.* none, or with 4 divisions : *Bloss.* none, or with 4 petals.

Fem. and hermaphrodite flowers.

*Pist.* 1. *Caps.* 2-celled ; leaf-like upwards, compressed ; 1 cell barren : *Seed* spear-shaped.

exce' flor.

F. Leaflets serrated : flowers without petals.

*With. Arr.* 57.

*Var.* leaves simple. T. H. W.

*Gent. Mag.* vol. iv. p. 598.

There is no place of growth of this curiosity mentioned, but

the sensible and intelligent reporter could not well be deceived about it. May. Di. Mo.

*Common Ash Tree.* Woods, hedges, rows.

HIPPOPHAE. Male and Fem. flowers on different plants: *Bloss.* none.

Male, *Calyx* 1 leaf, 2-lobed.

Fem. *Calyx* 1 leaf, tubular: *Berry* superior, 1-celled: *Seed* hard, shining.

H. Leaves spear-shaped. Rhamnoi-  
*With. Arr.* 204. May. des.

*Sea Buckthorn.* *Common Sal-*  
*low-thorn.* Sea shore, in sand. Tet. Mo.

VIOLA. See Gen. Ch. page 6.

V. Stem ascending as it attains its full growth: leaves oblong heart-shaped. canina.

*With. Arr.* 261. *Curt.* 2.

*Bloss.* pale blue, streaked, scentless, sometimes all white, sometimes the spur only white.

*Dog's Violet.* June.

Pen. Mo.

Shady places, heaths, and hedge-banks.

*White's Nat. Cal. Mar. 6—Ap. 18.**Var. 2. Dwarf. In all respects smaller.*

VIOLET. See Gen. Ch. page 6.

hirta.

V. Leaves heart-shaped, rough, with strong hair. Leaf-stalks rough with hair: floral leaves below the middle of the fruit-stalk.

*With. Arr. 260. Curt. 1.**Bloss.* pale blue; scentless.*Hairy Violet.*

April.

Pen. Mo.

Shady places and hedges in a calcareous soil.

VINCA. *Bloss.* falver-shaped: *Seed-vess.* upright little bags: *Seeds* naked.

minor.

V. Stem trailing: leaves spear-egg-shaped: flowers on fruit-stalks.

*With. Arr. 268. Curt. 3.*

Pen. Mo.

*Bloss.* blue or white. May.*Lesser Periwinkle.* Woods and hedges. Rare.



PULMONARIA. *Bloss.* funnel-shaped;  
mouth open: *Calyx* tubular,  
but 5-fided.

P. Root-leaves egg-heart-shaped, *officinalis*,  
rough; upper leaves egg-shaped,  
acute.

*With. Arr.* 228. *E. Bot.* 118.

*Woodv.* 212.

*Bloss.* purplish red when newly  
expanded, soon changing to  
blue.

*Spotted Lungwort. Cowslips of*  
*Jerusalem. May.*

Cliff-wood, near Darlington. Pen Mo.

*White's Nat. Cal. Mar.* 4—*Ap.* 16.

ULMUS. *Cal.* 5-cleft: *Bloss.* none:  
*Caps.* superior, 1-celled, leaf-like  
and compressed: *Seed* solitary.

U. Leaves doubly serrated, unequal *compéstris*,  
at the base: flowers almost sit-  
ting, crowded together.

*With. Arr.* 278. *Woodv.* 197.

*Common Elm.*

April. Pen. Di.

Hedges.

montána.

U. Leaves doubly serrated, unequal at the base, egg-shaped but taper-pointed; smooth.

*With. Arr.* 279. April.

*Wych Hazel Broad-leaved Elm.*

Pen. Di.

Shady lanes, outskirts of woods, about Kendal.

SAMBU'CUS. *Cal.* 5-toothed: *Bloff.* regular, with 5 shallow clefts: *Berry* juicy, closed, many-seeded.

nigra.

S. Tufts with 5 divisions: leaves winged: leaflets nearly egg-shaped, serrated: stem tree-like May.

*With. Arr.* 316. *Woodv.* 78.

*Bloff.* white: *Berries* black.

Pen. Tri.

*Common Elder.*

*White's Nat. Cal.* Mar. 13.

SCILLA *Bloff.* 6 petals, expanding, deciduous: *Filaments* thread-shaped.

bifolia.

S. Root solid: flowers nearly upright, without floral leaves: root leaves 2, spear-shaped.

Hex. Mo.

*With. Arr.* 338. *E. Bot.* 24.

*Bloff.* blue. *Squill.*

VACCINIUM. *Calyx* superior: *Bloss.*

1 petal: *Filaments* fixed to the  
receptacle: *Berry* 4-celled, many-  
seeded: beneath, dimpled.

V. Bunches terminating, nodding: *Vitis-idaeus*,  
leaves inversely egg-shaped; edge  
very entire and rolled back; dot-  
ted underneath.

*With. Arr.* 371.

*Bloss.* pale pink.

*Red Wortle Berries.*

April. Oct. Mo.

Mountainous situations.

PO'PULUS. Flowers Male and Fe-  
male in catkins on distinct plants.

*Calyx* scales ragged: *Bloss.* tur-  
ban shaped, mouth entire, slant-  
ing.

Female *summit* 4-cleft: *Caps.* 2-  
celled: *Seeds* many, downy.

P. Leaves nearly triangular, tooth- *alba*.  
ed, and angular: cottony under-  
neath.

*With. Arr.* 375.

*White Poplar.* *Abele Tree.*

Oct. Mo.

Hedges, woods, and near brooks.

tremula. P. Leaves circular, toothed and angular, smooth on both sides.

*With. Arr. 375.*

*Asp. Aspen Tree.* April.

Oct. Mo. Moist woods, and in boggy ground.

nigra. P. Leaves rowel-shaped, tapering to a point, serrated, smooth, on both sides.

*With. Arr. 376.*

Oct. Mo. *Black Poplar.* Near rivers, and wet shady places.

DA'PHNE. See Gen. Ch. page 3.

laureola. D. Bunches of about 5 flowers, axillary: leaves spear-shaped, smooth. April.

*With. Arr. 377. E. Bot. 119.*

*Bloss.* yellowish white.

Oct. Mo. *Spurge Laurel, or Laurel Mezerion.* Woods and hedges.

ADOXA. Cal. cloven, beneath: *Bloss.* 4 or 5-cleft, superior: *Berry* 4-celled, united to the cup.

- A. *Moschatel*-  
lina.  
*With. Arr.* 386. *Curt.* 2.  
*Tuberous Moschatel.* May.  
Damp woods, and shady places. Oct. Tet.

CHRYSOPLÉNIUM. *Cal.* coloured,  
4 or 5-cleft: *Bloss.* none: *Caps.*  
2-beaked, 1-celled, many-seeded,  
partly beneath; division of the  
valves extending but half-way  
down.

- C. Leaves alternate. *alternifó-*  
lium.  
*With. Arr.* 401. *E. Bot.* 54.  
*Flowers* bright yellow.  
*Alternate-leaved Sengreen.* Wet Decan. Di.  
shady woods. April.

- C. Leaves opposite. *opositifó-*  
lium.  
*With. Arr.* 402. *Curt.* 2.  
*Flowers* bright yellow.  
*Golden Saxifrage. Opposite-leaved*  
*Sengreen.* May. Decan. Di.  
Moist shady places.

STELLÁRIA. *Cal.* 5 leaves, ex-  
panding: *Petals* 5, mostly divid-  
ed down to the base: *Caps.* 1-  
celled: *Seeds* many.

média. S. Petals deeply divided: leaves egg-heart-shaped: stems with a hairy ridge on the side.

*With. Arr.* 418. *Curt.* 1.

Decan. Tri. Common Chickweed. *Alsine Média.* Very common. Oct.

Holôteia. S. Leaves spear-shaped, very finely ferrated: petals cloven.

*With. Arr.* 417. *Curt.* 2.

*Flowers* white.

Decan. Tri. Greater Stichwort. May.  
Hedges, and woods.

OXALIS. *Calyx* 5 leaves: *Petals* connected by the claws: *Caps.* 5-fided, opening at the corners.

Acetofel'la. O. Stalk with one flower: leaves 3 together: leaflets inversely heart-shaped, hairy.

*With. Arr.* 430. *Curt.* 2. *Woodv.* 20.

*Petals* white, veined with purple.

Decan. Pen. Wood Sorrel. Cuckow-bread.  
Woods, shady hedges. April.

FA'GUS. Male and Female flowers on the same plant: *Blöff.* none.

Male. *Calyx* 5-cleft, bell shaped.

Fem. *Calyx* with 4 teeth, changing into a prickly 4 valved, 2-seeded capsule.

F. Leaves egg-shaped; indistinctly ferrated. *sylvatica.*

*With. Arr. 444.*

Catkins, globular. Bark smooth, white.

April.

*Beech Tree. Common Beech. Dode. Di.*

Woods and hedges, in a calcareous soil.

PRUNUS. *Calyx* 5-cleft; beneath: *Petals* 5: *Drupa* 1-celled, closed at the top: *Nut* with projecting seams.

P. Fruit - stalks solitary: leaves spinosa. spear-shaped, smooth: branches thorny.

*With. Arr. 457. Woodv. 84.*

*Black Thorn. Sloe Tree. April. Ico. Mo.*  
Hedges.

ANEMONE. *Cal.* generally none: *Petals* 5 to 10: *Capf.* many, with awns or tails formed by the style.

nemorófa. A. Seeds pointed: leaflets snipt:  
stem with 1 flower.  
*With. Arr. 499. Curt. 2. E. Bot.*  
355.

*Flowers* sometimes double, and  
sometimes entirely of a purplish  
red colour. April.

Poly. Poly. *Wood Anemone.* Woods, hedges,  
hollow-ways.  
*White's Nat. Cal. Mar. 17—Ap.*  
22.

CAL'THA. *Cal.* none: *Petals* 5:  
*Nectarics* none: *Caps.* several:  
many-seeded.

palústris. C.  
*With. Arr. 511. Curt. 1.*  
*Petals* yellow, from 5 to 7.

Poly. Poly. *Marsh Marigold. Meadow-bouts.*  
Moist meadows, banks of rivers,  
and pools. May.

THLAS'PI. *Pouch* inversely heart-  
shaped, notched at the end:  
valves like a keeled boat, often  
winged with a border: cells  
many-seeded.



T. Pouches compressed, triangularly inversely heart-shaped, smooth, without a border: root-leaves wing-cleft. Bursa patens.

*With. Arr. 571. Curt. 1.*

*Petals* entire white. Sept.

*Shepherd's Purse*, or *Pouch*. A-Tetrd. Silicu. mong rubbish, road-sides.

DRA'BA. *Pouch* entire, elliptical-oblong, rather compressed: *Valves* flat, parallel to the partition: *Style* none.

D. Stalks naked: leaves sparingly ferrated: petals divided. ver'na.

*With. Arr. 565. Curt. 1.*

*Common Whitlow grass. Nailwort.* Walls, and dry places. April. Tetrd. Silicu.

LEPID'IUM. *Pouch* notched at the end, compressed: *Valves* sharply keeled; 1 seed in each cell.

L. Leaves winged, very entire: petals notched, smaller than the calyx. petraeum.

*With. Arr. 567. E. Bot. 111.*

One of our smallest, delicate plants.

*Mountain Dittander.* April.

Tetrd. Silicu. Rocks, walls, and stony places.

CARDAMINE. *Pod* long, 2-edged, opening with a jerk: *Valves* rolling back parallel to the membranaceous partition: *Summit* a knob, entire: *Calyx* rather open.

hirsúta. C. Leaves winged, leaflets opposite, stamens 4.

*With. Arr. 578. Curt. 4.* June.

*Hairy-leaved Ladies Smock.*

Tetrd. Siliq. Gravelly soil, on the sides of rivulets.

TUSSILAGO. See Gen. Ch. page 15.

Petasites. T. Panicle egg-shaped: female florets few.

*With. Arr. 720. Curt. 2.*

Syng. Super. *Butter-bur. Coltsfoot.* April.  
Moist meadows, pastures, banks of rivers.

MARCH.

29

BEL' LIS. *Recept.* naked, conical:  
*Down* none: *Calyx* hemispherical,  
with equal scales: *Seeds* inversely  
egg-shaped.

B. Stalk naked.

peren' nis.

*With. Arr.* 733. *Curt.* 1.

*Common Daisy.*

Sept.

Meadows and pastures.

Syng. Super.

## APRIL.

CALLI'TRICHE. *Cal.* none: *Petals*  
2: *Seeds* 4, naked, with a mem-  
branaceous border on one side.

ver na.

C. Upper leaves oval; not notch-  
ed at the end.

*With. Arr.* 5. August.

*Bloff.* small, white.

Mo. Mo.

*Vernal Star-grafs. Water Fennel.*

Ditches, ponds, flow streams.

OR'CHIS. *Nectary* like a horn, be-  
hind the flower: *Bloff.* gaping.

mas'cula.

O. Lip of the nectary 4-lobed,  
finely scolloped: horn blunt:  
upper petals turned back.

*With. Arr.* 24. *Curt.* 2. *Woodv.*  
90.

*Flowers* purple.

May.

*Early Orchis. Male Fool-stones.*

Di. Mo.

Meadows and pastures.

*White's Nat. Cal.* April 21.

VERO'NICA. See Gen. Ch. page 5.

- V. Spike terminating: flowers so- ver'na.  
litary: leaves with finger-like  
divisions: fruit-stalks shorter than  
the calyx.

*With. Arr. 13. E. Bot. 25.*

*Bluff.* blue, green at the base.

*Vernal Speedwell.* May.

Dry barren soil, old walls and Di. Mo.  
rocks.

- V. Flowers solitary: leaves with triphyl'los.  
finger-like divisions: fruit-stalks  
longer than the calyx.

*With. Arr. 17. Curt. 6.*

*Bluff.* blue. May.

*Right or Upright Chickweed Tri- Di. Mo.  
fid Speedwell.* Sandy fields.

SA'LIX. Catkin, each scale contain-  
ing 1 flower: *Bluff.* none.

Male, a nectariferous gland at the  
bottom of the flower.

Fem. Style cloven: *Caps.* 1 cell,  
2 valves: *Seeds* downy.

monan'dra. S. Leaves strap-spear shaped: upper leaves oblique: catkins downy: flowers with 1 stamen.  
*Curt. 6. With. Arr. 45. May.*

Di. Mo. *Rose Willow. Purple Willow.*  
 Hedges, watery places.

trian'dra. S. Leaves oblong - spear - shaped: flowers with 3 stamens, sometimes 2.  
*With. Arr. 45.*

Di. Mo. *Smooth Willow.*  
 Woods, hedges, banks of rivers.

pentan'dra. S. Leaves egg-shaped, acute: flowers with 5 stamens.  
*With. Arr. 46.*

Di. Mo. *Sweet Willow. Bay-leaved Willow.* Woods and hedges.

amygdalinia. S. Leaves spear-shaped on leaf-stalks: stipulæ in shape of an irregular square.  
*With. Arr. 47. August.*

Di. Mo. *Almond-leaved Willow.*  
 Willow beds, banks of rivers.

- S. Leaves egg-spear-shaped : leaf- stalks toothed with glands. frágilis.  
*With. Arr. 47. Woodv. 198.*  
*Crack Willow.* Woods, banks of Di. Mo.  
 rivers, hedges.
- S. Leaves strap-spear-shaped, acute. rúbra.  
*With. Arr. 49. May.*  
*Red Willow.* Willow-beds. Di. Mo.
- S. Leaves egg-oblong, smooth above, filky underneath. May. répens.  
*With. Arr. 51. E. Bot. 183.*  
*Creeping Willow.* Wet sandy Di. Mo.  
 heaths.
- S. Leaves oblong-egg-shaped, somewhat woolly underneath : stipulæ half-heart-shaped. cinérea.  
*With. Arr. 54: Di. Mo.*  
*Sallow Willow.* Hedges, in a moist foil.
- S. Leaves spear-strap-shaped, very long, acute, filky underneath : branches rod-like. viminális.  
*With. Arr. 54. May. Di. Mo.*  
*Osier.* Willow-beds, woods, hedges.

al'ba.

S. Leaves spear-shaped, tapering to a point, serrated, downy on both sides: the lowermost serratures glandular.

*With. Arr. 55.*

Di. Mo.

*White, or Common Willow.* Woods, hedge rows, and wet meadows.

O'PHRYS. *Nectary* slightly keeled underneath.

aranifera.

O. Bulb roundish: stem leafy: lip of the nectary roundish, entire, nicked, convex: longer than the petals.

*With. Arr. 39. Curt. 6. E. Bot. 65.*

Di. Mo.

*Spider Ophrys.* Chalky meadows, and pastures. May.

VALERIA'NA. *Cal.* none: *Bloss.* 1 petal, superior, bulging on one side at the base: *Seed* 1, or else a 3 celled capsule.

locústa.

V. Stem forked: leaves strap-shaped, very entire.

*With. Arr. 66. Curt. 5.*

*Bloss.* bluish white. *Leaves* and



Stems fringed at the edges with fine white hairs.

Var. 4. Upper leaves serrated.

July.

*Lamb's Lettuce.* Corn Sallad. Tri. Mo.

*Lettuce Valerian.* Corn fields.

HOLÓSTEUM. *Calyx* 5 leaves :

*Petals* 5 : *Capsf.* 1-celled, nearly cylindrical, opening at the top.

H. Flowers in umbels.

umbellá-  
tum.

*With. Arr.* 175. *E. Bot.* 27.

Whole plant smooth. Fruit-stalks terminating mostly hanging down, of various lengths, each with 1 flower.

*Petals* pale red.

May.

*Umbelliferous Mouse Ear.* Old Tri. Tri.

walls, banks, sandy corn-fields.

EM'PETRUM. Male and Fem. flowers on separate plants. *Calyx* with 3 divisions : *Blossf.* 3 petals. Male *Stam.* long. Fem. *Berry* with 9 feeds.

E. Stems trailing.

May. nigrum.

*With. Arr.* 176.

Tri. Enne.

*Black-berried Heath. Black Crow-berries. Crake-berries. Moist mountains, high heaths.*

BE'TULA. See Gen. Ch. page 11.

al'ba.

B. Leaves triangular-spear-shaped, acute; smooth, doubly serrated.  
*With. Arr. 206.*

Tet. Di.

*Bloss.* egg-shaped, concave, green.  
*Birch Tree. Birk. May.*  
Woods, moist hedges.

BUX'US. Male and Fem. flowers on the same, or on a different plant.

Male. *Cal.* 3-leaved: *Bloss.* 3 petals: *Capf.* 3-celled: 3-beaked: *Seeds* 2.

Fem. *Cal.* 4-leaved: *Bloss.* 3 petals: *Capf.* 3-celled, 3-beaked: *Seeds* 2.

semper-virens.

B. Male and Fem. flowers on the same plant.

*With. Arr. 210.*

*Leaves* oval, thick, glossy. *Bloss.* greenish white.

*Common Box.*

*Var. 2.* Narrow-leaved.

Tet. Tri.

On box-hills, woods, hedges.

SAGI'NA. *Cal.* 4-leaved: *Petals* 4:

*Caps.* 1-celled, 4-valved, many-seeded.

S. Stem upright, generally sup- *cresta.*  
porting a single flower. May.

*With. Arr.* 216. *Curt.* 2.

*Leaves* strap-spear-shaped. *Bloss.*  
white.

*Least Stickwort.* *Upright Pearl-* Tet. Tet.  
*wort.* Gravelly soil.

LITHOSPERMUM. *Bloss.* funnel-  
shaped, tube long, slender, open,  
and without valves at the mouth:  
*Cal.* with 5 divisions: *Nuts* 4,  
very hard, imperforated.

L. Seeds smooth: blossom much  
longer than the cup.

purpuro  
caeruleum.

*With. Arr.* 226. *E. Bot.* 117.

*Bloss.* purple. May.

*Creeping Groomwell.* Mountain Pen. Mo.  
ous and woody pastures.

ASPERU'GO. *Cal.* when in fruit,  
the fides flat, parallel, indented.

procumbens. A. Calyx when in fruit com-  
pressed.

*With. Arr.* 231.

*Bloss.* small, blue. May.

Pen. Mo. *Trailing Catchweed.* Roads, and  
amongst rubbish.

PRÍMULA. See Gen. Ch. page 1.

elátior. P. Leaves wrinkled and toothed :  
stalk many-flowered : outermost  
flowers drooping : border of the  
blossom flat.

*With. Arr.* 234.

*Bloss.* pale yellow : leaf-stalks  
shorter than the leaf. May.

Pen. Mo. *Oxlips.* *Great Cowslips.* *Oxlip*  
*Primrose.* Woods, hedges ;  
sometimes pastures.

officinális. P. Leaves wrinkled and toothed :  
stalk many-flowered : all the  
flowers drooping : border of the  
blossom concave.

*With. Arr.* 234. *Curt.* 6. *E Bot.* 5.

*Bloss.* sweet-scented, full yellow,  
with an orange blotch at the  
base of each segment.

*Cowslips.* *Cowslip Primrose.* Pen. Mo.

Meadows and pastures, in a  
loamy clayey soil. May.

CY'CLAMEN. *Bloss.* wheel-shaped,  
reflected: tube very short; mouth  
projecting: *Recept.* fleshy, sup-  
porting a berry inclosed in a  
case.

C. Blossom bent back as if broken: *europæum.*  
leaves circular, scolloped.

*With. Arr.* 235.

Leaves greatly varying from Pen. Mo.  
round to angular. Blossom pur-  
plish pink.

RHA'MNUS. *Cal.* tubular: *Scales*  
projecting the stamens: *Bloss.*  
none: fruit a *drupa*.

R. Thorns terminating: flowers *catharticus.*  
4-cleft, male and female on dif-  
ferent plants: leaves egg-shaped:  
stem upright.

*With. Arr.* 256. *Woodv.* 114.

Pen. Mo. *Bluff*. pale green. *Berries* black.  
*Purging Buckthorn.* May.  
 Woods and hedges near Nor-  
 wich.

Fran'gula. R. Without thorns: flower her-  
 maphrodite, with 1 pistil: leaves  
 very entire.  
*With. Arr. 259. E. Bot. 250.*

Pen. Mo. *Berry* with 3 cells: 2 feeds.  
*Black berry-bearing Alder. Alder*  
*Buckthorn.* May.  
 Woods, wet hedges.

RIBES. *Petals* 5, they and the sta-  
 mens fixed to the calyx: *Style*  
 cloven: *Berry* beneath, 1-celled,  
 many-seeded.

spicatum. R. Spikes upright: petals oblong:  
 floral-leaves shorter than the  
 flowers.  
*With. Arr. 265.*

Pen. Mo. Its floral leaves being shorter than  
 the flowers, will prevent its  
 being taken for the *R. alpi-*  
*num.* May.

- R. Branches prickly: fringe of the leaf-stalks hairy: berries hairy. *Grossulária.*

*With. Arr. 266.*

*Rough Gooseberry. Fenberry.*

Hedges.

Pen. Mo.

- R. Branches prickly: berries smooth: fruit-stalks with a flower-scale of 1 leaf. *Uva-críspa.*

*With. Arr. 266.*

A triple thorn beneath the buds.

*Smooth Gooseberry.*

May. Pen. Mo.

Woods, hedges.

FRITILLÁRIA. *Bloff.* with 6 petals or 6 divisions, bell-shaped: *Nectary* a cavity above each claw: *Stam.* the length of the blossom: *Summit* 3-cleft: *Caps.* superior, 3-celled.

- F. All the leaves alternate: stem 1-flowered. *Meléagris.*

*With. Arr. 335. Curt. 3.*

*Fritillary. Chequered Daffodil.*

Meadows, pastures.

May. Hex. Mo.

fylvóstris.

TU'LIPA. *Bloss.* 6 petals: bell-shaped: *Style* none: *Caps.* superior, 3-celled.

T. Flower rather drooping: leaves spear-shaped: stamens hairy above the base.

Hex. Mo.

*With. Arr.* 336. *E. Bot.* 63.

*Bloss.* yellow sweet-scented.

Old chalk-pits in Suffolk and Norfolk. *Tulip.*

ORNITHOGALUM. *Bloss.* 6 petals, upright, permanent, above the middle expanding: *Filaments*, the alternate ones dilated at the base: *Caps.* superior, 3-celled.

lúteum.

O. Stalk angular, 2-leaved: fruit-stalks in an unbranched umbel.

*With. Arr.* 336. *E. Bot.* 21.

Hex. Mo.

*Yellow Bethlem Star.* Moist sandy places.

umbellátum.

O. Flowers forming a corymbus: outer fruit-stalks taller than the central ones.

*With. Arr.* 337. *E. Bot.* 130.

Hex. Mo.

*Common Bethlem Star.* Woods, and meadows.



HYACIN'THUS. *Bloss.* bell-shaped,  
permanent; segments rolled back:  
*Germen* with 3 nectariferous pores  
at the top.

H. *Bloss.* tubular bell-shaped, with *nonscriptus.*  
6 divisions, segments rolled back:  
floral leaves in pairs.

*With. Arr.* 343. *Curt.* 18. *E. Bot.* 377.

*Flowers* varying from blue, to  
white or flesh colour.

*Harebell. English Hyacinth.*

Hex. Mo.

Woods and hedges. May.

SCILLA nutans. See *E. Bot.* 377.

VACCINIUM. *Calyx* superior: *Bloss.*

1 petal: *Filaments* fixed to the  
receptacle: *Berry* 4-celled, many-  
seeded; beneath, dimpled.

V. Fruit-stalks 1-flowered: leaves *Myrtillus.*  
ferrated, egg-shaped: stem re-  
gular.

*With. Arr.* 370. May.

*Bloss.* nearly globular, a little flat-  
ted at the base: pale reddish  
purple.

*Black Worts. Black Whortle-ber-* Oct. Mo.  
*ries. Hurtle-berries. Bilberries.*

Woods and heaths.

- uliginosum. V. Fruit-stalks 1-flowered: leaves very entire, inversely egg-shaped, blunt, smooth.

*With. Arr.* 370.

*Bluff.* pink. May.

- Oct. Mo. Great Bilberry-bush or Whortle. Moistish woods, heaths, and pastures.

- Oxycoccus. V. Fruit-stalks single, or in pairs: leaves egg-shaped, very entire; edges rolled back: stem thread-shaped, trailing, not hairy.

*With. Arr.* 372. *E. Bot.* 319.

*Bluff.* deep flesh-colour.

- Oct. Mo. Cran-berries. Moss-berries. Moor-berries. Fen-berries.

Peaty bogs, in the north.

A'CER. Male flowers intermixed: Calyx 5-cleft: *Bluff.* 5 petals: Caps. 2 or 3; 1-seeded: ending in a leaf-like expansion.

- Pseudo-platanus. A. Leaves 5-lobed, blunt, unequally serrated: flowers in compound, pendent bunches.

*With. Arr.* 368. *E. Bot.* 303.

*Bloss.* yellow green.

*Sycamore Tree. Sycamore Maple.* Oct. Mo.  
Woods, hedges. June.

POLYGONUM. *Cal.* none: *Bloss.*  
resembling a cup with 5 divisions:  
*Seed* 1, angular; generally naked.

P. Flowers axillary: leaves spear- aviculare.  
shaped: stem trailing.

*With. Arr.* 383. *Curt.* 1.

*Bloss.* greenish on the outside,  
white within. Sept. Oct. Tri.

*Knot-grass. Snakeweed.*

QUERCUS. Male and Fem. flowers  
on the same plant: *Bloss.* none.

Male. *Calyx* 5-cleft: *Stamens*  
from 5 to 10.

Fem. *Cal.* 1 leaf, very entire,  
rough: *Styles* from 2 to 5:  
*Nut* egg-shaped, leather-like,  
of 1 seed, and when ripe of 1  
cell.

Q. Leaves on leaf-stalks, oblong, Róbur.  
broadest towards the end, indent-

ations rather acute, angles blunt:  
fruit nearly sitting.

*With. Arr.* 387. *Woodv.* 126.

Oët. Tet.

*Bay Oak.* About Newbury.

fémîna.

Q. Leaves oblong, on short leaf-  
stalks, blunt wing-cleft, with in-  
dentations: fruit mostly solitary,  
on long fruit-stalks.

Oët. Tet.

*With. Arr.* 387.

Woods and hedges.

MERCURIALIS. Male and Female  
flowers on different plants. *Blöff.*  
none: *Cal.* with 3 divisions.

Male *Stamens* from 9 to 12. *An-*  
*thers* globular, double.

Fem. *Capsf.* double, 2-celled, 1  
seed in each.

perennis.

M. Stem undivided: leaves rough.  
*Flowers* yellow green.

Enne. Di.

*Dog's Mercury.* Woods, hedge-  
banks.

*With. Arr.* 392. *Curt.* 2. May.

SAXIFRAGA. *Cal.* 5-toothed: *Blöff.*  
5 petals: *Capsf.* beneath 2-beak-

ed; 2 celled, many-seeded, opening with a hole between the styles.

- S. Leaves egg-shaped, scolloped, *nivalis*.  
nearly fitting: stem leafless:  
flowers in heads.

*With. Arr.* 403. Oct.

*Mountain Saxifrage.* Summits of Dec. Di.  
high mountains.

- S. Stem-leaves opposite, tiled; the *oppositi-*  
uppermost fringed. *folia.*

*With. Arr.* 404. *Curt* 6. *E. Bot.* 9.

*Petals* very blunt, bright purple.

*Heath-like Saxifrage.* Rocks.

June.

- S. Stem-leaves kidney-shaped, *granulata*.  
gashed: stem branched: root  
beaded.

*With. Arr.* 405. *Curt.* 1. *Woodv.*  
232.

*Blossoms* white.

May. Dec. Di.

*White Saxifrage.* Dry meadows,  
pastures.

- S. Stem-leaves wedge-shaped, *tridactylites*.  
ternate, 3-cleft: stem branched:

leaves in very dry situations,  
sometimes undivided.

*With. Arr.* 406. *Curt.* 2.

Turns red after flowering.

Dec. Di.

*Rue Whitlow-grafs. Rue-leaved  
Saxifrage.*

petréa.

S. Leaves on leaf-stalks, hand-  
shaped, with 3 divisions: seg-  
ments mostly 3-cleft: stem lim-  
ber, lying down, much branch-  
ed: fruit-stalks very long, 1-  
flowered.

*With. Arr.* 890.

Dec. Di.

*Flower* yellow white, with a  
greenish tinge. June.  
Rocks.

SILENE. *Cal.* distended: *Petals* 5,  
with claws: crowned at the  
mouth: *Caps.* 1 or 3-celled.

maritima.

S. Stem trailing, branches ascend-  
ing: *Calyx* veined, smooth: *Pe-  
tals* cloven, segments very en-  
tire.

*With. Arr.* 414.

*Petals* white. August.

*Sea Campion*, or *Catch fly*. Sandy Dec. Tri.  
places on the sea-coast.

CERASTIUM. See Gen. Ch. page 12.

C. Upright, woolly and clammy. viscosum.  
*With. Arr.* 433. *Curt.* 2.

*Petals* white, shorter than the  
calyx.

*Clammy Mouse-Ear.* Oct.

Meadows, walls, dry banks, ant- Dec. Pen.  
hills.

C. Flowers with 5 stamens: petals femide-  
notched at the end. can'drum.

*With. Arr.* 435. *Curt.* 2.

*Flowers* white.

Dec. Pen.

*Least Mouse-Ear.* May.

Walls, pastures, heaths.

PRUNUS. See Gen. Ch. page 25.

P. Umbels mostly on short fruit- Cérasus.  
stalks: leaves egg-spear-shaped,  
smooth, doubled together.

*With. Arr.* 455.

*Bluff.* white. *Fruit* red.  
 Ico. Mo. *Common Wild Cherry-Tree.*  
 Woods, hedges. May.

*doméstica.* P. Fruit-stalks mostly solitary:  
 leaves spear-egg-shaped, coiled:  
 branches thornless.  
*With. Arr.* 456. *Woodv.* 85.

Ico. Mo. *Common Plumb-Tree.* Hedges.

*infinitia.* P. Fruit-stalks in pairs: leaves  
 egg-shaped, slightly woolly, coil-  
 ed: branches with thorns.

Ico. Mo. *With. Arr.* 456.  
*Bullace Plumb.* Hedges.

CRATÆGUS. *Cal.* 5-cleft: *Petals*  
 5: *Berry* beneath, opening at the  
 top, 1-celled, 1 or more seeded.

Oxyacantha. C. Leaves mostly 3-cleft: seg-  
 ments blunt, serrated.  
*With. Arr.* 459.

*Hawthorn. White-thorn.* Hedges,  
 Ico. Di. woods, old parks. June.  
*White's Nat. Cal.* Ap. 18—May 12.

SORBUS. *Cal.* 5-cleft: *Petals* 5:  
*Pomum*, 5-celled, open at the top,  
 3-seeded.



- S. Leaves winged, smooth on both sides. aucupária.

*With. Arr. 460. E. Bot. 337.*

Flowers whitish.

*Quicken Tree. Mountain Ash.*

Woods, hedges, in mountainous and boggy situations. Ico. Tri.

- S. Leaves winged, woolly underneath. doméstica.

*With. Arr. 460. E. Bot. 350.*

*True Service. Sorb. Mountains.* Ico. Tri.

PyRUS doméstica. See *E. Bot. 350.*

PyRUS. *Cal. 5-cleft: Petals 5: Pomum, beneath: 5-celled; many seeded.*

- P. Leaves serrated, smooth: flowers forming a corymbus. communis.

*With. Arr. 462.*

*Bluff. white.*

May. Ico. Pen.

*Pear Tree. Woods, hedges.*

POTENTILLA. *Cal. 10-cleft: Petals 5: Seeds roundish, naked, wrinkled, fixed to a receptacle, which is small, juiceless, spongy, tubercled.*

ver'na.

P. Root-leaves 5 together, sharply serrated, dented at the end: stem-leaves 3 together: stem declining.

*With. Arr. 475. E. Bot. 37.*

*Petals* yellow, nicked, with sometimes a tawny spot at the base.

Ico. Poly.

*Spring Cinquefoil.* Rocky mountainous pastures and barren meadows.

POTÉRUM. Stamens and Pistils in different flowers, on the same plant: *Cal.* 4 leaves: *Bloss.* with 4 divisions.

Male. *Stam.* 30 to 40.

Fem. *Drupa* juiceless; beneath; 1 or 2-celled; formed of the indurated tube of the blossom.

Sanguiforba.

P. Thornless: stems somewhat angular.

*With. Arr. 493. Curt. 2.*

*Flowers* greenish, sometimes purplish on the outside.

Poly. Di.

*Upland Burnet.* May.  
In a dry calcareous soil.

ANEMONE. See Gen. Ch. page 25.

- A. Leaves doubly winged; petals Pulfatilla.  
straight.

*With. Arr. 498. E. Bot. 51.*

*Petals* deep purple. May.

*Pasque Flower.* High pastures. Poly. Poly.

- A. Leaves doubly winged: petals pratensis.  
the end turned back.

*Flower* small, dark purple.

*With. Arr. 498. Woodv. 148.*

*Dark-flowered Anemone.* Dry Poly. Poly.  
hilly pastures.

- A. Seeds pointed: leaflets snipt: apennina.  
petals spear-shaped, numerous.

*With. Arr. 500. Curt. 6.*

*Petals* blue: sometimes elliptical.

*Mountain Anemone.* Woods and Poly. Poly.  
shady places.

RANUNCULUS. See Gen. Ch. p. 7.

- R. Root-leaves kidney-shaped, scolymus.  
lobed, cut: stem-leaves fingered,  
strap-shaped: stem many flowered.

*With. Arr. 505. Curt. 2.*

*Blöff.* yellow.  
 Poly. Poly. *Sweet Wood Crowfoot. Goldilocks.*  
 Woods, hedges, in a clayey soil.

AJUGA. *Blöff.* upper-lip very  
 small: *Stamens* longer than the  
 upper-lip.

Chamæ-  
 pithys.

A. Leaves 4-cleft, strap-shaped;  
 very entire: flowers fitting, la-  
 teral, solitary: stem spreading.

*With. Arr.* 516. *E. Bot.* 77.

*Blöff.* yellow, with minute red  
 dots. June.

Didy. Gym.

*Ground Pine. Germander.* Sandy  
 fallow fields.

GLECO'MA. *Cal.* 5-cleft: *Anthems*  
 in pairs, each pair forming a  
 cross.

Hederácea.

G. Leaves kidney-shaped, scolloped.  
*With. Arr.* 526. *Curt.* 2. *Woodv.*  
 28.

*Blöff.* blue. May.

Didy. Gym.

*Ground Ivy. Gill. Cat's-foot.*  
 Groves, hedges, shady places.

LAMIUM. See Gen. Ch. page 8.

- L. Leaves deeply and irregularly dissectum,  
cut; stem-leaves extending down  
the leaf-stalks.

*With. Arr. 527.*

*Dead-nettle.* Kitchen gardens, Didy. Gym.  
fallow-fields, bank between  
Pimlico and Chelsea. Sept.

LATHRÆA. *Cal.* with 4 or 5 di-  
visions: *Germen* with a depressed  
gland at the base of the seam:  
*Caps.* 1-celled: *Receptacles* late-  
ral, sponge-like.

- L. Stem undivided: flowers pen- Squamária:  
dant: lower lip 3-cleft.

*With. Arr. 547. E. Bot. 50.*

*Bluff.* pale purple, except the  
lower lip.

*Great Toothwort.* Woods, shady Didy. Ang.  
lanes, bottom of mountains.  
May.

PEDICULARIS. *Calyx* 5-cleft: *Caps.*  
2-celled, sharp-pointed, slanting:  
*Seeds* few, coated.

- P. Stem branched: calyx oblong, sylvatica.

angular, smooth: lip of the blossom heart-shaped.

*With. Arr.* 548.

*Bloss.* purple.

Didy. Ang.

*Common Lousewort.*

Wet pastures and heaths. July.

SCROPHULARIA. *Cal.* 5 - cleft: *Bloss.* with 5 divisions: tube globular: the lower segment reflected: *Caps.* 2-celled, partition double.

vernalis.

S. Leaves heart-shaped; those of the stem in threes; fruit-stalk axillary, solitary, cloven.

*With. Arr.* 554.

*Bloss.* egg-shaped yellow.

Didy. Ang.

*Yellow Figwort.*

May.

Watery places, hedges.

THLASPI. See Gen. Ch. p. 26.

perfoliatum.

T. Pouches inversely heart-shaped, stem-leaves heart-shaped, smooth, somewhat toothed: petals as long as the calyx: stem branched.

*With. Arr.* 569.

*Bloss.* white.

*Perfoliate Shepherd's Purse.* Stone- Tetr. Silicu.  
pits.

COCHLEA'RIA. *Pouch* notched at  
the end, turgid, rough, many-  
seeded; valves bulging, blunt.

C. Root-leaves heart-circular; officinális.  
stem-leaves oblong, a little in-  
dented.

*With. Arr. 571. Woodv. 29.*

*Petals* fleshy clear white.

*Scurvy Grass.* May. Tetr. Silicu.

Sea shores, inland mountains.

DENTA'RIA. *Pod* cylindrical, bor-  
dering, opening with a jerk :  
valves rolling back, rather shorter  
than the sponge-like partition :  
*Summit* notched : *Cal.* close.

D. Lower leaves winged : the up- bulbifera.  
per ones undivided.

*With. Arr. 576. E. Bot. 309.*

*Flowers* flesh-coloured.

*Bulbed Coralwort.* Woods, and Tetr. Silicu.  
shady places. May.



CARDAMINE. See Gen.Ch. page 28.

amára.

C. Leaves winged: suckers from the bosom of the leaves: leaflets of the stem-leaves angular, fitting.

*With. Arr.* 580. *Curt.* 3.

Flowers white.

May.

Tetd. Siliq.

*Bitter Cress*, or *Ladies Smock*.

Near purls of water, rivulets.

pratensis.

C. Leaflets of the root-leaves roundish, those of the stem-leaves spear-shaped: very entire.

*With. Arr.* 579. *Curt.* 3. *Woodv.* 30.

May.

Flowers purplish.

Tetd. Siliq.

*Common Ladies Smock*. Meadows, moist pastures.

ERYSIMUM. Pod straight, strap-shaped, exactly 4-sided: *Cal.* closed: *Summit* a knob.

Barbarea.

E. Pods indistinctly 4-cornered; Leaves lyre-shaped, the terminating segment circular.

*With. Arr.* 584.



*Bluff.* yellow. Oct.

*Winter Cresses, or Rocket.* Walls, Tetd. Siliq.  
banks of running streams.

E. Leaves heart-shaped. Alliaria.

*With. Arr.* 584. *Curt.* 2. *Woodv.*  
245.

*Flowers* in a corymbus.

*Jack by the Hedge.* *Sauce alone.*

May. Tetd. Siliq.

Hedges, ditch banks.

GERANIUM. *Cal.* with 5 divisions:

*Bluff.* 5 petals: *Pist.* 1: *Summits*  
5, common receptacle beaked:  
*Seeds* 5, with a very long twisted  
tail.

G. Fruit-stalks and floral-leaves molle.  
alternate: petals cloven: calyx  
awnless: stem somewhat up-  
right.

*With. Arr.* 604. *Curt.* 2.

*Flowers* purplish red. Oct. Mond. Dec.

*Soft Crane's-bill. Dove's-foot.* Dry  
banks.

G. Leaflets by fives or by threes: robertianum.

lobes wing-cleft: calyx with 10 angles.

*With. Arr.* 608. *Curt.* 1.

*Bloff.* red, sometimes white.

Mond. Dec. *Herb Robert. Stockbill.* August.  
Walls, hedges, rubbish, stony places.

cicutarium. G. Flowers in umbels: leaflets fitting, wing cleft, blunt: petals entire.

*With. Arr.* 609. *Curt.* 1.

*Flowers* rose red. O&.

Mond. Dec. *Hemlock-leaved Crane's-bill.*  
Corn-fields, road-sides, in a sandy soil.

FUMARIA. *Cal.* 2-leaved: *Bloff.* gaping: *Filaments* 2, membranaceous, each supporting three anthers: *Caps.* 1-celled; many-seeded.

intermedia. F. Root bulbous solid: stem simple: floral leaves hand-shaped, as long as the blossom.

*With. Arr.* 620.

*Flowers* purplish red, and yellow.

*Fumitory.*

May. Diad. Hex.

Levan's Park, near Kendal.

- F. Legumens strap-shaped, 4-sided; capnoides.  
 stems spreading, the angles acute.

*With. Arr. 620.*

Flowers whitish. Old walls, near Diad. Hex.  
 Castleton, Derbyshire.

- O'ROBUS. *Cal.* blunt at the base:  
 the 2 upper-teeth shorter, but  
 more deeply divided: *Style* thread-  
 shaped.

- O. Leaves winged, spear-shaped, tuberosus.  
*stipulæ* half-arrow-shaped, very  
 entire: stem simple.

*With. Arr. 631. Curt. 1.**Bloss.* purple, 3 or 4 together.*Heath Peaseling.*

May. Diad. Dec.

Moist heaths, woody meadows.

- VICIA. *Summit* bearded across un-  
 derneath: *Legumen* generally with  
 knot-like protuberances.

- V. Legumens mostly in pairs, up- sativ'a.  
 right: leaflets inversely spear-  
 shaped, blunt, notched: *stipulæ*  
 toothed: seeds compressed.

*With. Arr. 636. E. Bot. 334.*

*Bloss.* reddish purple.

Diad. Dec.

*Common Vetch. Tare.* May.

Lanes in the valleys of Dartmoor.

TUSSILA'GO. See Gen. Ch. page 15.

hy'brida.

T. Panicle oblong: female flowers numerous without blossoms.

*With. Arr.* 721.

Syng. Super.

*Long-stalked Colt's-foot.* Moist meadows, banks of the river Irwell.

## MAY.

A'PHANES. *Cal.* tubular : rim flat,  
4 or 8-cleft : *Bloss.* none : *Seed* 1 ;  
egg-shaped, but tapering to a  
point.

A. Leaves 3-lobed ; lobes with 2 *arven'sis.*  
or 3 clefts.

*With. Arr.* 4.

*Flowers* axillary ; small, greenish  
white.

*Parsley* *piert.* Corn-fields, and dry *Mo. Mo.*  
gravelly lands. August.

HIPPU'RIS. *Cal.* none : *Summit*  
simple : *Seed* 1.

H. Leaves awl-shaped : 8 in a *vulgaris.*  
whirl.

*With. Arr.* 5. *Curt.* 4.

*Common Mare's-tail. Paddock-* *Mo. Mo.*  
*pipe.* Muddy ponds and ditches.  
May.

VERO'NICA. See Gen. Ch. page 5.

C

- arven'sis. V. Spike terminating: leaves heart-shaped, fitting: floral leaves spear-shaped: longer than the flowers.  
*With. Arr. 12. Curt. 2.*  
*Bloss.* pale blue.
- Di. Mo. *Wall Speedwell. Chickweed. Old walls, rubbish, fallow-fields.*
- officinalis. V. Spikes on lateral fruit-stalks: leaves opposite: stem trailing.  
*With. Arr. 13. Curt. 3. Woods.*  
 219.  
*Bloss.* purplish blue. Aug:
- Di. Mo. *Common Speedwell. Male speedwell. Fluellin. Barren ground, heaths.*
- alpina. V. Corymbus terminating: leaves opposite: cups rough with hair.  
*With. Arr. 14.*
- Di. Mo. *Bloss.* small, not a fine blue.  
 Mountains.
- terpyllifolia. V. Bunch terminating, somewhat spike-like: leaves egg-shaped, smooth, scolloped, 3-fibred: stamens hardly longer than the blossom.  
*With. Arr. 14. Curt. 1.*

*Bluff.* pale blue: upper segment with 5 or 8 purple lines, lateral segments with 3: smallest segment white.

*Smooth Speedwell. Paul's Betony.* Di. Mo.  
Meadows and pastures.

V. Bunch terminating: leaves heart-shaped but roundish, slightly scolloped: stems creeping. *humifusa.*

*With. Arr. 15.* Di. Mo.

High mountains, wet shading rocks.

V. Bunches lateral, of few flowers: cup rough with hair: leaves wrinkled, egg-shaped, scolloped, on leaf-stalks: stem feeble. *montana.*

*With. Arr. 16. Curt. 4.*

*Bluff.* purplish, streaked. June. Di. Mo.

*Mountain Madwort. Stalked Speedwell.*

V. Bunches lateral: leaves egg-shaped, sitting, wrinkled, tooth-ed: stem with 2 opposite rows of hairs. *Chamædryas*

*With. Arr. 16. Curt. 1.*



Bunches frequently opposite.

*Bloss.* a fine blue.

Di. Mo.

*Wild Germander. Germander  
Speedwell.*

Pastures, sides of hedges.

PINGUI' CULA. *Bloss.* gaping, ending in a spur: *Cal.* 2-lipped, 5-cleft: *Capf.* 1 cell.

vulgaris.

P. Nectary cylindrical, as long as the petal.

*With. Arr.* 18. *E. Bot.* 70.

*Bloss.* violet, purple, and reddish, with white lips, and an ash-coloured woolly spot on the palate.

Di. Mo.

*Common Butterwort. Yorkshire  
Sanicle. Bogs.*

OR'CHIS. See Gen. Ch. page 30.

Mório.

O. Lip of the nectary 4-cleft, finely scalloped: horn blunt, ascending: petals blunt, approaching. Lip of the nectary with 3 lobes, the middlemost notched at the end.

*With. Arr.* 23. *Curt.* 3. June.



*Flowers* purple, rather few. The green lines on the petals distinguish it from every other Orchis.

*Var. 1. Flowers* flesh colour, or white. Di. Mo.

*Meadow Orchis.* Moist meadows.

- O. Lip of the nectary with 4-clefts rough with dots: horn blunt: petals distinct. *ustulata.*

*With. Arr. 25. E. Bot. 18.*

*Petals* purplish without, greenish white within. *Spike* short, seldom an inch. *Lip* white, with beautiful purple dots, not rough, as mentioned by Linnaeus.

*Dwarf Orchis.* June. Di. Mo.  
Dryish meadows and pastures.

- O. Lip of the nectary 5-cleft: rough with dots: horn blunt: petals confluent. *militaris.*

*Flowers* in a spike, purplish or ash colour. *Petals* growing together. *Spur* short, bluntish.

Di. Mo.

latifolia.

*Var. 2. Fusca.* Lip 3-cleft, segment very broad, notched at the end. With a greenish cast.

*With. Arr.* 25. *Curt.* 6. *E. Bot.* 16.

*Var. 3.* Lip 3-cleft, segments strap-shaped.

*Man Orchis.* June.  
Meadows in a chalky soil.

*O.* Bulbs somewhat hand-shaped, straight: horn of the nectary conical: lip with 3 lobes; the lateral ones bent back: floral-leaves longer than the flowers.

*Bulbs* straight, not much straddling, divided into 2 or 3 fingers. *Leaves*, especially the lower, a little spotted. Differs from *O. maculata*, as follows. *Floral-leaves* longer than the flowers. *Leaves* nearly without spots. *Stem* hollow.

*Var. 2.* Middle segment of the lip blunt, as narrow again as the side ones, but of the same length.

*Var. 3.* Middle segment of the Di. Mo.  
lip egg-shaped, pointed, as  
long again as the side ones.

*Flowers* purple, the throat whitish  
with purple dots.

*With. Arr.* 26. *Curt.* 5.

*Broad-leaved, or Male-handed*  
*Orchis.* Moist meadows, pas-  
tures, marshy grounds. June.

O. Bulbs thread-shaped: lip of abortiva.  
the nectary egg-shaped: very en-  
tire: stem leafless.

*With. Arr.* 29.

*Stem* sheathed with scales. *Flow-*  
*ers* violet. *Horn* conical, flight-  
ly curved, very much pointed.

*Purple Birds'-nest. Birds'-nest*  
*Orchis* June. Di. Mo.

Dryish meadows.

O'PHRYS. See Gen. Ch. p. 34.

O. Bulbs fibrous, bundled: stem Nidus. avis.  
sheathed, leafless: lip of the nec-  
tary cloven.

*With. Arr.* 32. *E. Bot.* 48.

Whole plant brown. Stalk clothed with sheathing leaf-scales.

Di. Mo.

*Birds'-nest Twayblade.* June.  
Woods and shady places—rare.

ovata.

O. Bulbs fibrous: stem with 2 leaves: leaves egg shaped: lip of the nectary cloven.

*With. Arr.* 34. *Curt.* 3.

*Flowers* with a fragrant, musky scent.

*Common Twayblade.* Woods and moist shady thickets.

Di. Mo.

*Var.* 2. Leaves acute. Much smaller and greener than the preceding.

Low wet grounds. June.

muscifera.

O. Bulbs roundish: stem leafy: lip of the nectary convex, cloth-like, with 3 divisions, the middle segment cloven.

*With. Arr.* 37. *E. Bot.* 64.

*Flowers* thinly scattered, 4 to 15, having much more the appearance of a fly than those of *O. apifera* of a bee. The blue

spot upon the base of the middle segment of the nectary lip, contributes much to its resemblance to a fly.

*Fly Orchis*, or *Twayblade*. Meadows and pastures in a calcareous soil. June. Di. Mo.

SERAPIAS. *Bloff.* 6 petals, expanding: *Nectary* egg-shaped, bulging: *Lip* egg-shaped: *Caps.* beneath, 1-celled, 3-valved.

S. Leaves egg-spear-shaped, embracing the stem: flowers nearly horizontal: lip pointed, entire, rather shorter than the petals. *latifolia.*

*With. Arr.* 40. *E. Bot.* 269.

*Petals* purplish green. Aug.

*Common Helleborine. Bastard* Di. Mo.

*Hellebore.* Woods, groves, hedges.

LEMNA. Male. *Cal.* 1 leaf: *Bloff.* none.

Fem. *Cal.* 1 leaf: *Bloff.* none.

*Style* 1. *Caps.* 1 or 2-celled; 1 or 2-seeded.

- polyrhíza. L. Leaves fitting : root crowded.  
*With. Arr. 44.*  
 Di. Mo. *Greater Duckmeat.* Ditches.  
 Sept.

SALIX. See Gen. Ch. p. 31.

- vitellína. S. Leaves egg-spear-shaped, acute :  
 smooth above ; ferratures like  
 gristle.

*With Arr. 47.*

- Di. Mo. *Yellow Willow.* Ofier holts, fre-  
 quent.

- rosmarini- S. Trailing : leaves spear-strap-  
 fólia. shaped, stiff and straight, nearly  
 fitting, cottony underneath.

*With. Arr. 52.*

- Di. Mo. *Rosemary-leaved Willow.* Low  
 fields.

- reticulára. S. Leaves egg-shaped, blunt.  
*With. Arr. 49.*

- Di. Mo. *Network Willow.* Mountains of  
 Wales.

- capréa. S. Leaves egg-shaped, wrinkled,  
 cottony underneath, waved, tooth-  
 ed towards the end.

*With. Arr. 53.*

- S. Leaves woolly on both sides, *aurita*.  
inversely egg-shaped, furnished  
with appendages.

*With. Arr.* 50.

*Round-eared Willow.* Woods and *Di. Mo.*  
hedges. June.

- S. Leaves egg-oblong, cottony un- *acuminata*.  
derneath: upper ones entire, low-  
er ones scolloped.

*With. Arr.* 53. *Di. Mo.*

Thickets and wet places.

- S. Leaves woolly on both sides, *lanata*.  
roundish, acute.

*With. Arr.* 50.

Valleys in the Highlands. *Di. Mo.*

- S. Leaves egg-shaped, pubescent *fusca*.  
underneath.

*With. Arr.* 51.

*Sand Willow.* *Brown Willow.* *Di. Mo.*

Sea shores amongst loose blow-  
ing sand.

ANTHOXANTHUM. *Cal.* husk of 2  
valves, and 1 flower: *Bluff.* husk  
2 valves, tapering to a point:  
*Seed* 1.



odoratum. A. Spike oblong-egg-shaped: florets longer than the awns, supported on short fruit-stalks.

*With. Arr.* 58. *Curt.* 1.

*Bloss.* double. June.

Di. Di. *Spring Grass.* *Sweet-scented.*

Meadows and pastures.

VALERIA'NA. See Gen. Ch. p. 34.

rúbra. V. Flowers with a tail: leaves spear-shaped, very entire.

*With. Arr.* 65.

Tri. Mo. *Red Valerian.* Old walls, rubbish. Aug.

dioica. V. Stameniferous and pistilliferous flowers on different plants: leaves winged, leaflets very entire, somewhat serrated. Stameniferous plants with imperfect pistils.

*With. Arr.* 65. *Curt.* 4.

Tri. Mo. *Small Valerian.* June.  
Moist meadows.

BRYO'NIA. *Cal.* 5-toothed: *Bloss.* with 5 divisions.

Male. *Anthems* entire at the base.



Fem. *Style* 3-cleft: *Berry* roundish, mostly 1-seeded.

- B. Leaves hand-shaped: rough on both sides, with callous points: male and female flowers on different plants. dioica.

*With. Arr.* 67. *Woodv.* 189.

*Flowers* yellow white. *Berry* red.

*Red-berried Bryony. Wild Vine.* Tri. Mo.

Hedges, thickets.

ERIOPHORUM. See Gen. Ch. p. 10.

- E. Straws cylindrical: leaves flat: spikes on fruit-stalks. polystachion.

*With. Arr.* 72. *Curt.* 4.

*Cotton Grass.*

June. Tri. Mo.

Bogs, marshy grounds.

MON'TIA. *Cal.* 2 leaves: *Bloss.* 1 petal, irregular: *Caps.* 1-celled, 2-valved.

M.

fontana.

*With. Arr.* 175. *Curt.* 3.

*Bloss.* white. *Seeds* black, shining.

*Small Water Chickweed. Purslane.* Tri. Tri.

Springs, watery lanes.

TILLÆA. *Cal.* with 3 or 4 divisions: *Petals* 3 or 4 equal: *Caps.* 3 or 4-seeded.

muscosa.

T. Trailing: flowers 3-cleft.

*With. Arr.* 175. *E. Bot.* 116.

*Stems* at first nearly upright, generally red.

Tri. Tri.

*Mossy Red-shanks.* June.

Dry heaths. Norfolk, Suffolk.

POLYCARPON. *Caps.* 5 leaves: *Petals* 5, small egg-shaped: *Caps.* 1-celled; 3-valved.

tetraphyl-  
lum.

P. Stem branched, trailing: leaves in fours, inversely egg-shaped.

*With. Arr.* 176.

Sometimes without petals.

*Four-leaved Allseed.* Aug.

Dry sandy ground.

SHERARDIA. *Bloss.* 1 petal, funnel-shaped, long: *Seeds* 2, naked, crowned by the calyx.

arvensis.

S. All the leaves in whirles: flowers terminating.

*With. Arr.* 185. *Curt.* 5.

*Bluff.* blue or purple.

*Little Field Madder.*

Sept. Tet. Mo.

Corn, and fallow fields.

ASPERULA. *Bluff.* 1 petal, funnel-shaped: *Seeds* 2, globular, like cork.

A. Leaves 8 in a whirl, spear-shaped: flowers in bundles, on fruit-stalks. *odorata.*

*With. Arr.* 185. *Curt.* 4.

*Flowers* a beautiful snowy white.

*Sweet Woodroof.* Woods, shady places. Tet. Mo.

GALIUM. *Bluff.* 1 petal, bell-shaped, short: *Seeds* 2, nearly globular, beneath like cork.

G. Stem hairy, only branched at the base: leaves hairy, egg-shaped, 4 in a whirl: fruit-stalks with 2 or 3 leaves. *cruciatum.*

*With. Arr.* 186. *E. Bot.* 143.

*Bluff.* yellow. July.

*Crosswort. Mugwort.* Hedge-banks, rough places. Tet. Mo.

- Aparine. G. Leaves 8 in a whirl, spear-shaped: keel rough, with prickles pointing backwards: joints woolly.  
*With. Arr. 192. Curt. 2. Woodv. 269.*
- Tet. Mo. *Bloss. white. June.*  
*Catchweed. Goosegrafs. Cleavers.*

PARIETARIA. Fem. florets mixed with hermaphrodite on the same branch: *Cal.* 4-cleft: *Bloss.* none: *Seeds* 1; superior lengthening.

- officinalis. P. Leaves spear-egg-shaped: fruit-stalks forked: cup of 2 leaves.  
*With. Arr. 201. Curt. 4. Woodv. 142.*  
*Stems* reddish. *Bloss.* greenish white.
- Tet. Mo. *Common Pellitory of the Wall.*  
 Old walls, rubbish. Sept.

VISCUM. Male and Fem. flowers on different plants: *Bloss.* none.  
 Male. *Cal.* with 4 divisions: *Filam.* none: *Anthems* fixed on the calyx.  
 Fem. *Cal.* 4 leaves, superior:

*Style* none: *Berry* pulpy; 1-celled, 1-seeded: *Seeds* heart-shaped.

V. Leaves spear-shaped, blunt: *album*.  
stem forked: spikes axillary.

*With. Arr.* 203. *Woodv.* 270.

*Bloss.* greenish white.

*Misseltoc. Missel.* On apple-trees, *Tet. Mo.*  
pear, oak, hazel, &c.

BUFFONIA. *Cal.* 4 leaved: *Bloss.*  
4 petals: *Caps.* 1 cell; 2 seeds.

B. Var. 2.

*tenuifolia.*

*With. Arr.* 205.

*Flowers* at the base of the leaves  
white.

*Bastard Chickweed. Toadgrafs. Tet. Di.*  
Hounslow Heath, sea coast. June.

BETULA. See Gen. Ch. p. 11.

B. Leaves circular, scolloped. *nana.*

*With. Arr.* 207.

Mountains, wet heaths. *Tet. Di.*

MYRICA. Flowers in catkins, on  
different plants. *Cal.* 2 leaves:  
*Bloss.* none.

Fem. *Drupa* 1-celled, superior:  
*Seed* 1.

Gále. M. Leaves spear-shaped: somewhat serrated: stem shrub-like.  
*With. Arr.* 208.

Tet. Di. *Flowers* appear before the leaves.  
*Sweet Gale, or Willow. Dutch Myrtle.*

I'LEX. *Stam.* and *Pist.* variously disposed: *Cal.* 4-toothed: *Bloss.* wheel-shaped: *Style* none: *Berry* 4-seeded.

Aquifólium. I. Leaves egg-shaped, acute, thorny, on leaf-stalks: flowers in a kind of umbel, axillary.  
*With. Arr.* 210.

*Flowers* small, whitish.

*Common Holly.*

Tet. Tet. *Var. 2.* Berries yellow. June.  
Woods, hedges, heaths.

POTAMOGE'TON. *Cal.* none: *Petal.* 4: *Style* none: *Seeds* 4.

nátans.

P. Leaves oblong egg-shaped, on leaf-stalks; floating.

*Var. 1. floating.*

*With. Arr. 211.*

*Flowers* fitting, numerous, yellowish.

*Broad-leaved Pondweed.* Ponds, Tet. Tet.  
flow rivers. Aug.

- P. Leaves egg-shaped, tapering to a point: opposite, crowded: stem forked: spike 4-flowered. den'sum.

*With. Arr. 212.*

*Lesser Water-Caltrops. Frog's Lettuce.* Ditches, flow streams. Tet. Tet.  
June.

- P. Leaves spear-shaped, alternate, or opposite, waved and serrated. cris'pum.

*With. Arr. 213. Curt. 5.*

*Bluff.* white, or reddish.

*Greater Water-Caltrops. Curled Pondweed.* Ponds, flow streams. Tet. Tet.  
June.

- P. Leaves bristle-shaped, parallel, near together, pointing 2 ways. pectinátum.

*With. Arr. 213. E. Bot. 323.*

*Bluff.* whitish.

*Fennel-leaved Pondweed.* Rivers, Tet. Tet.  
ponds. July.



SAGINA. See Gen. Ch. p. 37.

apet'ala.

S. Stem rather upright, pubescent: flowers alternate: without petals: petals very minute: notched at the end.

*With. Arr. 216. Curt. 5.*

Tet. Tet.

*Annual Pearlwort.* June.  
Walls, gravel-walks, dry places.

MYOSOTIS. *Bloss.* falver-shaped, 5-cleft, lobes notched: *Mouth* closed with projecting scales: *Nuts* 4, imperforated.

palustris.

M. Seeds smooth: calyxes inversely egg-shaped, blunt, smooth, as long as the tube of the blossom: leaves spear-shaped.

*With. Arr. 225. Curt. 3.*

*Bloss.* fine blue, valves forming a bright yellow eye.

*Water Mouse-ear. Scorpion-grass.*

Pen. Mo.

*Myosotis. Scopioides.* Wet ditches, springs. July.

arvensis.

M. Seeds smooth: calyxes egg-shaped, tapering to a point, very hairy, longer than the tube of



the blossom: leaves egg-spear-shaped.

*With. Arr.* 225.

A smaller plant than the preceding.

*Field Mouse-ear. Scorpion-grass.* Pen. Mo.

*Myosotis Scorpioides.* June.

Walls, dry pastures, gardens.

LITHOSPERMUM. See Gen. Ch.

p. 37.

L. Seeds smooth: blossoms hardly longer than the cup: leaves spear-shaped. officinale.

*With. Arr.* 226. *E. Bot.* 134.

*Woodw.* 213.

*Bloss.* pale yellow.

*Gromill. Graymill.* June. Pen. Mo.

Woods, in a dry gravelly soil.

L. Seeds wrinkled: blossoms hardly longer than the cups. arvense.

*With. Arr.* 226. *E. Bot.* 123.

*Bloss.* white. June.

*Corn Gromwell. Bastard Alkanet.* Pen. Mo.

Corn-fields.

ANCHU'SA. *Bloff.* funnel-shaped:  
*Mouth* closed by projecting valves:  
*Nuts* 4, each of one cell: per-  
 forated at the base.

semper-vi-  
 rens.

A. Fruit-stalks in heads, 2 leaves  
 to each head: leaves egg-shaped,  
 acute: floral leaves somewhat  
 waved and serrated.

*With. Arr.* 227. *E. Bot.* 45.

*Bloff.* fine blue.

Pen. Mo.

*Evergreen Alkanet.*

July.

Road sides, rubbish.

CYNOGLOSSUM. *Blossom* funnel-  
 shaped: *Mouth* closed by pro-  
 jecting valves: *Nuts* 4, depressed,  
 fixed to the style by the inner side  
 only, imperforated.

sylvaticum.

C. Stamens shorter than the blof-  
 som: leaves spear-shaped, harsh,  
 flat, distant, nearly fitting.

*With. Arr.* 228.

*Flowers* dull blue, or reddish.

Pen. Mo.

*Hounds-tongue.* Shady lanes.

PULMONARIA. See Gen. Ch. p. 19.

- P. Root-leaves spear-shaped. *angustifolia.*  
*With. Arr. 228.*

*Bloss.* red at first, expanding, soon changing to blue.

*Bugsloss Cowslips. Narrow-leaved Pen. Mo.*  
*Lungwort. Woods.*

SYMPHYTUM. *Bloss.* funnel-shaped, bellying towards the top: *Mouth* closed by hollow radiate valves, which have an open hole on the outside near the borders: *Nuts 4,* perforated.

- S. Leaves egg-shaped, decurrent. *officinale.*  
*With. Arr. 230. Curt. 4. Woodv.*  
 215.

*Bloss.* yellow white.

*Common Comfrey. Banks of ri- Pen. Mo.*  
 vers, wet ditches.

*Var. 2. Red-flowered.*

- S. Leaves half decurrent; the up- *tuberosum.*  
 permost opposite.

*With. Arr. 230.*

*Bloss.* yellow white.

*Tuberous-rooted Comfrey. Fen Pen. Mo.*  
 banks.

PRÍMULA. See Gen. Ch. p. 1.

farinófa.

P. Leaves scolloped, smooth: border of the blossom flat.

*With. Arr.* 235. *E. Bot.* 6.

*Bloss.* bluish red.

Pen. Mo.

*Bird's-eye Primrose.* Marshes, bogs, mountains.

LYSIMACHIA. *Bloss.* wheel-shaped: *Caps.* globular, dagger-pointed: of 1 cell, 5 valves, and many seeds.

nem'orum.

L. Leaves egg-shaped, acute: flowers solitary: stem trailing.

*With. Arr.* 237. *Curt.* 5.

*Bloss.* yellow, smaller than the leaves.

Pen. Mo.

*Yellow Pimpernel of the Woods.*  
Moist shady places. June.

ANAGALLIS. *Bloss.* wheel-shaped: *Caps.* cut round; of 1 cell, and many seeds.

arven'sis.

A. Leaves egg-spear-shaped: stem trailing: calyx segments spear-shaped.

*With. Arr.* 238. *Curt.* 1.

*Bloss.* scarlet.

*Male Pimpernel.* *Common Pimpernel.* Corn - fields, sandy places. Pen. Mo. Aug.

*Var. 2. Bloss.* blue.

CAMPANULA. *Bloss.* bell-shaped :  
*Filaments* broad and arched at the  
 base : *Summit* 3-cleft : *Caps.* be-  
 neath ; 3-celled, opening at 3  
 lateral holes.

C. Leaves heart-shaped, 5-lobed, *hederácea.*  
 on leaf-stalks, smooth ; stem  
 feeble.

*With. Arr.* 244. *E. Bot.* 73.

*Bloss.* pale blue.

*Ivy-leaved Bell-flower.* Moist Pen. Mo.  
 shady places. Aug.

LONICE'RA. See Gen. Ch. page 6.

L. Fruit-stalks 2-flowered : berries *Xylósteum.*  
 distinct ; leaves very entire, pu-  
 bescent.

*With. Arr.* 247.

*Bloss.* yellow.

*Upright Honeysuckle.* Pen. Mo.

**EUONYMUS.** *Bloss.* 5 petals: *Caps.* coloured; 5-fided, 5-celled, 5-valved: feed-coat hollow: *Seed* veiled.

*europæus.* E. Flowers mostly 4-cleft: leaves fitting.

*With. Arr.* 259. *E. Bot.* 362.

*Petals* greenish white.

*Pen. Mo.* *Common Spindle Tree. Prickwood.*  
Woods, hedges. June.

**VIOLA.** See Gen. Ch. page 6.

*lutea.* V. Stem unbranched, upright, 3-cornered: leaves fringed with hairs, lower ones heart-shaped, upper ones spear-shaped.

*With. Arr.* 263.

*Bloss.* pale, bright yellow.

*Pen. Mo.* *Yellow Violet, or Pansies.* Mountainous pastures. Sept.

**RIBES.** See Gen. Ch. page 40.

*rubrum.* R. Bunches smooth, pendant: flowers flattish.

*With. Arr.* 264. *Woodv.* 74.

*Bluff.* greenish white. *Berries* red.

*Red Currants.* Woods in the northern counties.

*Var. 2.* Sweet Currants.

*Var. 3.* Small Currants. Pen. Mo.

Wimbledon Park, Surry.

R. Bunches upright: floral-leaves alpinum.  
longer than the flowers.

*With. Arr.* 264.

*Sweet Mountain Currants.* Woods Pen. Mo.  
and hedges in Yorkshire.

R. Bunches hairy: flowers oblong. nigrum.

*With. Arr.* 265. *Woodv.* 75.

*Squinancy Berries. Black Currants.* Pen. Mo.  
Wet hedges, banks of rivers.

VIN'CA. See Gen. Ch. page 18.

V. Stems upright: leaves egg- major.  
shaped: flowers on fruit-stalks.

*With. Arr.* 269. *Curt.* 4.

*Bluff.* blue, with a blush of purple.

*Greater Perriwinkle.* Woods, Pen. Mo.  
hedges.

CHENOPO'DIUM. *Cal.* with 5 clefts



and 5 ribs: *Bloss.* none: *Seed* 1, round, but flattened, superior, horizontal, covered by the closing calyx.

Bonus-  
Henricus.

C. Leaves triangular-arrow-shaped; very entire: spikes compound, leaflets: axillary.

*With. Arr.* 270. *Curt.* 3.

Pen. Di.

*Bloss.* greenish white.

*Good King Henry.* Road sides.

HYDROCO'YLE. *Umbel* simple, on a foot-stalk: *Involucre* of 2 or 4 leaves: *Petals* entire: *Fruit* compressed, bulging, divisible into two parts.

vulgaris.

H. Leaves target-shaped, notched: umbels 5-flowered.

*With. Arr.* 284. *Curt.* 6.

*Flowers* reddish white.

Pen. Di.

*Marsh Pennywort.* *White Rot.*

Marshy ground. June.

SANICULA. *Umbellules* crowded, forming a kind of head: *Florets* of the centre barren: *Fruit* set with hooked prickles.



- S. Root-leaves simple: florets fitting. europæa.

*With. Arr.* 284. *E. Bot.* 98.

*Bloss.* white.

*Common Sanicle.* Woods, thickets. Pen. Di.  
June.

- CAU'CALIS. *Bloss.* radiated: florets of the centre male: *Involucre* leaflets entire: *Petals* bent inwards, notched at the end: *Seeds* covered with prickles or bristles.

- C. Involucellums extending half way round, strap-shaped: seeds egg-oblong: angles on the back 4, distant, rough with bristles: leaves smooth, hairy on the ribs and at the base. daucoïdes.

*With. Arr.* 287. *E. Bot.* 197.

*Florets* pink.

*Fine-leaved Bastard Parsley.* Calcareous corn-fields. Pen. Di.  
June.

- C. Seeds egg-shaped, tapering to a point; with short hooked prickles on the back. scandicina.

*With. Arr.* 289. *Curt.* 1.

*Petals* white.

Pen. Di.

*Scandix Anthriscus.* Rubbish,  
road sides. June.

BU'NIUM. *Bloss.* uniform: *Umbel*  
crowded: *Styles* bent back deci-  
duous: *Seeds* rather cylindrical,  
scored, thicker towards the end.

flexuosum.

B. Involucrum from 1 to 3 leaves  
deciduous: stem leafless at the  
base, tapering downwards, zig-  
zag: styles permanent.

Pen. Di.

*With. Arr.* 291. *Curt.* 4.

*Earth Nut.* *Pig Nut.* June.

ÆTHU'SA. *Involucellums* reaching  
half way round, 3 leaves bent  
downwards: *Fruit* nearly globu-  
lar, deeply furrowed.

Méum.

Æ. All the leaves divided into  
many bristle-shaped segments:  
involucrum 1 leaf: fruit egg-  
oblong, tapering at the end.

*With. Arr.* 305.

Pen. Di.

*Bald, or Bawd Money.* Moun-  
tainous pastures.

SCANDIX. *Bloss.* radiated, central:  
*Florets* frequently male: *Petals*  
 notched at the end: *Styles* per-  
 manent: *Fruit* awl-shaped.

S. Seeds glossy, cylindrical, and *Cerefolium*.  
 beaked: umbels lateral, nearly  
 fitting.

*With. Arr.* 307.

*Bloss.* white.

*Common Chervil. Shepherd's Needle.* Pen. Di.  
 Hedges.

CHÆROPHYLLUM. *Involucellum* re-  
 flected, concave: *Petals* heart-  
 shaped, bent inwards: *Fruit* shin-  
 ing, generally smooth, oblong.

C. Stem smoothish, scored, a little *fylvêtre*.  
 swollen at the knots.

*With. Arr.* 308. *Curt.* 4.

*Stem.* woolly. *Flowers* white.

*Wild Cicely. Cow Parsley.* June. Pen. Di.  
 Hedges, orchards, pastures.

SMYRNIUM. *Petals* keeled, taper-  
 ing to a point: *Fruit* egg-glo-  
 bular, bulging, angular with  
 ribs.

Olufátrum. S. Stem-leaves growing by threes;  
on leaf-stalks, ferrated.

*With. Arr.* 310. *E. Bot.* 330.

Pen. Di. *Flowers* greenish yellow.

*Alifanders. Alexanders.* Ditches,  
rocks on the sea coast.

CÁRUM. *Involucre* 1 leaf: *Petals*  
united, bent inwards, notched  
at the end: *Fruit* small, ellipti-  
cal, bulging, roundish and scored.

Cáruí.

C.

*With. Arr.* 311. *Woodv.* 45.

*Petals* tinged with red. June.

Pen. Di.

*Common Carraway.* Meadows,  
pastures.

PIMPINEL'LA. *Petals* bent inwards:  
*Styles* upright: *Summits* nearly  
globular: *Fruit* small, egg-ob-  
long: with 5 elevated ridges.

dióica.

P. Plant dwarfish: umbels very  
numerous, compound and simple:  
male and hermaphrodite flowers  
on distinct plants.

*With. Arr.* 313.

*Flowers* yellowish, or whitish.

*Least Anise.* Mountains, pastures. Pen. Di.  
June.

ÆGOPÓDIUM. *Fruit* egg-oblong,  
scored, tapering at each end.

Æ. Upper leaves 3 together, lower Podagraria.  
ones in triple threes.

*With. Arr.* 314.

*Bloss.* white.

*Herb Gerard.* *Ground Ash.* Pen. Di.

Orchards, gardens, pastures.

GENTIA'NA. *Bloss.* 1 petal: *Recept.*  
of the seeds 2, placed lengthways:  
*Caps.* 2-valved, 1-celled.

G. Blossom bell-shaped, not beard- collina.  
ed, pistil woolly: summits 3:  
leaves strap-spear-shaped, hairy.

*With. Arr.* 282.

*Gentian.* Aften Down. Pen. Di.

VIBUR'NUM. *Cal.* with 5 divisions;  
superior: *Bloss.* 5-cleft: *Berry* of  
1 cell; closed: *Seed* 1.

Lantána.

V. Leaves heart-shaped, serrated, veined, cottony underneath.

*With. Arr. 315. E. Bot. 331.**Bloss.* white. *Berries* black.

Pen. Tri.

*Pliant Mealy Tree. Wayfaring Tree.* Woods in a calcareous soil.

ópulus.

V. Leaves lobed: leaf-stalks set with glands.

*With. Arr. 315. E. Bot. 332.**Bloss.* white. *Berries* red.

Pen. Tri.

*Water Elder. Guelder-rose.*

Woods, wet hedges. June.

STA'TICE. *Cal.* 1 leaf, entire, plaited, dry, permanent: *Petals* 5: *Caps.* 1-celled, without valves: *Seed* upright.

Arméria.

S. Stalk simple, with a head of flowers: leaves strap-shaped.

*With. Arr. 320. E. Bot. 226.*

Pen. Pen.

*Bloss.* pink. June.*Common Thrift. Sea Gilliflowers.*

LI'NUM. *Cal.* 5-leaved: *Petals* 5: *Caps.* 5-valved, 10-celled: *Seeds* solitary.

- L. Leaves opposite, egg-spear-shaped: stem forked: blossom pointed. cathar'ticum

*With. Arr. 323. Curt. 3.*

*Purging Flax. Mill Mountain. Pen. Pen.*

Dry meadows, pastures. July.

- MYOSU'RUS. *Cal. 5* leaves, united at the base, deciduous: *Nectaries 5*, like petals; awl-shaped: *Seeds* numerous, coated, pendent.

M.

min'imus.

*With. Arr. 326. Curt. 4.*

*Flowers* yellowish green.

*Little Mouse-tail. June. Pen. Poly.*

Corn-fields, meadows, in gravelly soil.

- LEUCO'JUM. *Bloss.* bell-shaped, with 6 divisions, thickest at the ends: *Summit* undivided.

- L. Sheath many-flowered: style club-shaped. Æstivum.

*With. Arr. 331. Curt. 5.*

*Flowers* white, streaked. Hex. Mo.

Thames side.



NARCIS'SUS. See Gen. Ch. p. 12.

poëticus.

N. Sheath 1-flowered; nectary wheel-shaped, very short, skin-like, finely scolloped.

*With. Arr.* 331. *E. Bot.* 275.

Hex. Mo.

*Flower* solitary, pure white.  
Sandy heathy places.

biflorus.

N. Sheath 2-flowered: nectary wheel-shaped, very short, skin-like, finely scolloped: leaves acute on the keel, the edges turned inwards.

*With. Arr.* 332. *E. Bot.* 276.

*Bloss.* pale whitish cream-colour.

Hex. Mo.

*Pale Daffodil.* Meadows, hedges.  
Rare.

AL'LUM. *Bloss.* 6 petals, expanding: *Sheath* dry and skin-like, many-flowered: umbel crowded: *Caps.* superior, 3-celled.

ursinum.

A. Stalk 3 square: leaves spear-shaped, on leaf-stalks: umbel flat-topped.

*With. Arr.* 334. *E. Bot.* 122.



*Flowers* large, numerous, white.

*Ramson Garlic. Ramsons.* Woods, Hex. Mo.  
hedges, dry meadows.

SCILLA. See Gen. Ch. p. 20.

S. Bunch of few flowers, furnished ver'na.  
with floral leaves: blossoms bell-  
shaped: leaves from the root,  
strap-shaped channelled: bulb  
coated.

*With. Arr.* 338. *E. Bot.* 23.

*Bloss.* blue.

*Vernal Squill.* June. Hex. Mo.  
Meadows, pastures.

CONVALLARIA. *Bloss.* 6-cleft: *Berry*  
3-celled, superior: *Seeds* 2.

C. Stalk naked, semi-cylindrical: majalis.  
flowers spiked, nodding.

*With. Arr.* 341. *Curt.* 5.

*Bloss.* white, highly fragrant.

*Lily of the Valley. May Lily.* Hex. Mo.  
Woods, heaths, near Hampstead.

C. Leaves alternate, embracing Polygona-  
the stem: stem 2-edged: fruit- tum.

stalk axillary, mostly 1-flowered.

*With. Arr.* 342. *E. Bot.* 280.

*Woodv.* 44.

Hex. Mo.

*Sweet-smelling Solomon's Seal.*

Fissures of rocks. June.

multiflora.

C. Leaves alternate, embracing the stem: stem cylindrical: fruit-stalks axillary, many-flowered.

*With. Arr.* 342. *E. Bot.* 279.

*Woodv.* 44.

Flowers white tipped with green.

*Common Solomon's Seal.* Woods.

June.

Hex. Mo.

Var. 2. *Dwarf English Solomon's Seal.* Woods in Wiltshire.

A'CORUS. Spadix cylindrical, covered with florets: *Bloff.* 6 petals, naked: *Style* none: *Caps.* 3-celled.

calamus.

A. Floral-leaf very much longer than the spike.

*With. Arr.* 343. *E. Bot.* 356.

*Woodv.* 173.

Hex. Mo.

*Myrtle Flag. Sweet-smelling Flag.*  
Banks of rivers. June.

BER'BERIS. *Cal.* 6-leaved: *Petals* 6, with 2 glands to the claw: *Style* none: *Berry* superior, 1-celled, open at the end: *Seeds* 2 or 3.

B. Fruit-stalks forming bunches: *vulgáris.*  
thorns 3 together. June.

*With. Arr.* 350. *E. Bot.* 49.

*Woodv.* 234.

*Bloss.* yellow. *Berries* red.

Hex. Mo.

*Barberry.* *Pipperidge-bush.*

RU'MEX. *Cal.* 3-leaved: *Petals* 3, closing: *Seed* 1, three-cornered, enclosed in the blossom.

R. *Styles* 2.

*digy'nus.*

*With. Arr.* 357.

*Mountain Dock.* *Welsh Sorrel.*

Hex. Tri.

Mountains.

July.

R. Leaves spear-halberd-shaped.

*Acetofel'la.*

*With. Arr.* 358. *Curt.* 5.

*Flowers* reddish.

*Sheep's Sorrel,* or *Dock.* Sandy meadows.

Hex. Tri.

June.

TRIGLO'CHIN. *Cal.* 3-leaved: *Petals* 3, like a cup: *Style* none: *Caps.* opening at the base. Aug.

maritimum T. Capsule 6-celled, egg-shaped.  
*With. Arr.* 359. *E. Bot.* 255.

Hex. Tri. *Sea Arrow-grass.* Meadows near  
 the sea.

POLYGONUM. See Gen. Ch. p. 45.

Bistorta. P. Leaves egg-shaped, extending  
 at the base along the leaf-stalks.  
*With. Arr.* 382. *Curt.* 1. *Woodv.*  
 34.

Oct. Tri. *Bloss.* with 5 divisions, pale red.  
*Great Bistort.* Snake-weed. June.

PARIS. Cal. 4-leaved: *Petals* 4,  
 narrower: *Berry* 4-celled.

quadrifolia. P. Stem leaves generally 4.  
*With. Arr.* 385. *E. Bot.* 7.

*Bloss.* pale green. June.

Oct. Tet. *Herb Paris.* True-love. Woods,  
 shady places.

MYRIOPHYLLUM. Male and Fem.  
 flowers frequently on the same  
 plant. Cal. 1 leaf, 4-toothed:  
*Petals* 4, with claws: soon fall-  
 ing off: *Styles* none: *Nuts* 2 to 4,  
 covered with a coat.

M. Spikes interrupted, leafless. spicatum.

*With. Arr.* 389. *E. Bot.* 83.

*Flowers* 4 in a whirl.

*Spiked Water Milfoil.* Ditches, Oct. Tet.  
ponds. July.

ARBUTUS. *Cal.* with 5 divisions:

*Bluff.* egg-shaped, pellucid at the  
base: *Mouth* 5-cleft: *Berry* 5-  
celled, many-seeded; superior.

A. Stems trailing: leaves wrinkled, alpina.  
somewhat ferrated, and fringed  
with hairs.

*With. Arr.* 399.

*Berries* black, globular.

*Mountain Strawberry Tree.* Dry Dec. Mo.  
mountains in Scotland.

A. Stems trailing: leaves oblong Uva-ur'si.  
egg-shaped, very entire, veined  
like network underneath.

*With. Arr.* 399. *Woodv.* 70. Dec. Mo.

*Flowers* flesh colour. *Berries* red.

June.

SAXIFRAGA. See Gen. Ch. p. 46.

S. Stem-leaves strap-shaped, en- hypnoïdes.

tire, or 3-cleft; suckers trailing: stem with few leaves.

*With. Arr.* 407.

Dec. Di.      *Petals* greenish white.      July.  
*Ladies Cushion. Moss Saxifrage.*

SILE'NE: See Gen. Ch. p. 48.

acaúlis.      S. Stemless, depressed: petals notched at the end: capsules globular.

*With. Arr.* 416.

Dec. Tri.      *Flowers* single, bright purple.  
*Moss Catchfly. Mountains.* June.

ARENA'RIA. *Cal.* 5 leaves, expanding: *Petals* 5, entire: *Caps.* 1-celled, many-seeded.

triner'via.      A. Leaves egg-shaped, 3-fibred, pointed, on leaf-stalks.

*With. Arr.* 421. *Curt.* 4.

*Petals* white.

*Plantain-leaved Sandwort.*

Woods, wet hedges.      July.

serpyllifolia.      A. Leaves somewhat egg-shaped, acute, sitting: blossoms shorter than the calyx.

*With. Arr.* 421. *Curt.* 4.

*Flowers* white. July. Dec. Tri.

*Least Chickweed. Thyme-leaved  
Sandwort.*

- A. Leaves semi-cylindrical, tapering, opposite, as long as the joints: stipulæ membranaceous, acute, stems prostrate: capsules longer than the calyx. marina.

*With. Arr. 422.*

*Flowers* purplish.

Dec. Tri.

Salt marshes.

Oct.

- A. Leaves awl-shaped: stems panicled: calyx taper-pointed, fcored. ver'na.

*With. Arr. 423.*

*Mountain Sandwort. Mountain-  
ous situations.* Dec. Tri.  
Aug.

STELLA'RIA. See Gen. Ch. p. 23.

- S. Leaves strap-shaped, very entire: flowers in panicles. gramin'ea.

*With. Arr. 419.*

*Petals* white.

Dec. Tri.

*Lesser Stichwort. Meadows, pastures, hedge-banks.*



SE'DUM. *Cal.* 5-cleft: *Bloss.* none,  
or 5 petals: *Nectariferous Scales* 5,  
at the base of the germen: *Caps.*  
5 distinct, like a legumen.

ang'licum. S. Leaves somewhat egg-shaped,  
growing to and sitting, bulging,  
alternate: tuft branched, forked.

*With. Arr.* 428. *E. Bot.* 171.

*Bloss* white, or purplish white.

Dec. Pen. *English Stone-crop.* Rocks, roofs,  
walls. June.

OX'ALIS. *Cal.* 5 leaves: *Petals* con-  
nected by the claws: *Caps.* 5-  
sided, opening at the corners.

corniculáta. O. Stem reclining, herbaceous:  
fruit-stalks forming umbels.

*With. Arr.* 430.

*Bloss.* yellow.

Dec. Pen. *Yellow-flowered Cuckow-bread.*

Near Exeter. Oct.

LYCH'NIS. *Cal.* 1 leaf, oblong,  
even: *Petals* 5, with claws;  
limbs often cloven: *Caps.* 1 to  
5-celled.



- L. Stamens and pistils in distinct dioica.  
plants: capsules 1-celled.

*Var. 1. diurna. Bloss. red.*

*With. Arr. 431. Curt. 2.*

*Red-flowered Wild Campion, or  
Cuckow-flower.*

Sept. Dec. Pen.

Hedges, ditches, moist woods.

- L. Petals nearly entire. viscaria.

*With. Arr. 433.*

*Red German Catchfly.*

June. Dec. Pen.

Mountainous pastures.

CERASTIUM. See Gen. Ch. p. 12.

- C. Leaves egg-shaped: petals as vulgatum.  
long as the calyx: stems spreading.  
ing.

*With. Arr. 433. Curt. 2.*

*Petals white.*

Aug.

*Narrow-leaved Mouse-ear. Meadows, pastures, walls.*

Dec. Pen.

- C. Leaves strap-spear-shaped, bluntish, fringed at the base: blossoms  
larger than the calyx. arvense.

*With. Arr. 434. Curt. 6. E. Bot. 93.*

*Corn Mouse-ear.*

Sept. Dec. Pen.

Corn-fields, gravelly meadows.

ASARUM. *Cal.* 3 or 4-cleft, fitting on the germens: *Bloff.* none: *Caps.* like leather, crowned, of 6 cells: but no valves.

europæum. A. Leaves kidney-shaped, blunt, in pairs.

*With. Arr.* 440. *Woodv.* 86.

*Flowers* purplish.

Dode. Mo. *Ajarabacca.* Woods, shady places,

CARPINUS. Male and Fem. flowers on the same plant: *Bloff.* none: *Cal.* 1 leaf, a fringed scale.

Male. *Stamens* 18 or 20.

Fem. *Germens* 2, with 2 styles on each: *Nut* egg-shaped.

Betulus. C. Scales of the cones flat.

*With. Arr.* 442.

*Bark* smooth, white.

Dode. Di. *Common Hornbeam Tree.* Woods, hedges.

FAGUS. See Gen. Ch. p. 24.

- F. Leaves spear-shaped, with tapering serratures, naked underneath. Castanea.

*With. Arr.* 443.

*Chestnut Beech. Chestnut Tree.* Dode. Di.  
Woods, hedges.

- EUPHORBIA. *Cal.* 1 leaf, distended: *Bloss.* 4 or 5 petals, fitting on the calyx: *Caps.* 3 united.

- E. Umbel with generally 5 spokes: Paralis.  
spokes cloven: involucellums heart-kidney-shaped: leaves tiled upwards.

*With. Arr.* 448. *E. Bot.* 195.

*Plant* sea green. Sept.  
*Sea Spurge.* Sea shores.

- E. Umbel with many spokes; amygdaloides.  
spokes forked: involucellums perforated, circular: leaves blunt.

*With. Arr.* 452. *E. Bot.* 256.

*Wood Spurge.* Woods, hedges.

- E. Umbel with 5 spokes; spokes portulacica.  
forked: involucellums somewhat heart-shaped concave: leaves

strap-spear-shaped, smooth, expanding.

*With. Arr.* 448.

*Flowers* nearly fitting, yellow.

Dode. Tri. *Portland Spurge.* Sandy sea-shores. Aug.

Cyparis'fias. E. Umbel with many spokes; spokes forked: involucellums nearly heart-shaped: leaves on the stem spear-shaped, on the barren branches bristle-shaped.

*With. Arr.* 451.

Dode. Tri. Woods at Enville. June.

PRUNUS. See Gen. Ch. p. 25.

Pádus. P. Flowers in bunches: leaves deciduous, with 2 glands at the base on the under side.

*With. Arr.* 455.

Ico. Mo. *Birds' Cherry. Wild Cluster Cherry.* Woods, hedges.

ávium. P. Umbels fitting: leaves egg-spear-shaped, downy underneath, doubled together.

*With. Arr.* 456.

Ico. Mo. *Black Cherry Tree. Mazzards.* Hedges in Suffolk.

CRATÆGUS. See Gen. Ch. p. 50.

C. Leaves egg-shaped, cut, fer- A'ria.  
rated, cottony underneath.

*With. Arr. 458.*

*Petals white.*

*White-beam Hawthorn.* Woods, Ico. Di.  
hedges.

C. Leaves heart-shaped, with 7 torminális.  
angles: lowermost lobes frad-  
dling.

*With. Arr. 458. E. Bot. 298.*

*Bluff. white.*

*Wild Service Tree, or Sorb.* Ico. Di.  
Woods, hedges.

SORBUS. See Gen. Ch. p. 50.

S. Leaves wing-cleft, cottony un- hy'brida.  
derneath.

*With. Arr. 461.*

*Barbard Service.* Mountains. Ico. Tri.

MESFILUS. Cal. 5-cleft: *Petals 5:*

*Berry with 1, 2, or 5 cells.*

M. Thornless: leaves spear-shap- germanica.

ed, cottony underneath: flowers  
solitary, sitting.

*With. Arr.* 461.

*Bloss.* white.

1co. Pen.

*Medlar Tree.* Hedges.

PYRUS. See Gen. Ch. p. 51.

Málus.

P. Leaves ferrated: flowers in umbels, sitting.

*With. Arr.* 462. *E. Bot.* 179.

1co. Pen.

*Crab Tree.* *Wilding.* Woods, hedges.

RUBUS. *Cal.* 5-cleft; *Petals* 5:  
*Styles* from the top of the germens: *Drupa* clustered, 1-celled, fixed to a conical receptacle so as to resemble a berry.

1dæ'us.

R. Leaves winged, with 5 or 3 leaflets: stem prickly: leaf-stalk channelled.

*With. Arr.* 468. *Woodw.* 138.

*Bloss.* white. *Berry* red.

1co. Poly.

*Rasp-berry Bush.* *Bramble.*

Woods, hedges.

June.

- R. Leaves 3 together : stem without prickles, supporting a single flower. arcticus.

*With. Arr. 470.*

Flowers purplish. Berry dark purple. Ico. Poly.

Highlands of Scotland.

- R. Leaves simple lobed : stem without prickles, with 1 flower : male and female flowers on different plants. Chamæ-morus.

*With. Arr. 471.*

Bloss. white, or purple. Ico. Poly.

Cloud-berry. Bramble. June.

TORMENTIL'LA. Cal. 8-cleft : Petals 4 : Seeds roundish, naked, fixed to a small juiceless receptacle.

- T. Stem trailing : leaves on leaf-stalks. rep'tans.

*With. Arr. 476.*

Creeping Tormentil. July. Ico. Poly.

Woods, sandy barren pastures.

FRAGA'RIA. See Gen. Ch. p. 13.



véfca.

F. Leaves 3 together : runners  
creeping.*With. Arr.* 471.*Bloff.* white. *Fruit* red.

Ico. Poly.

Woods, hollow ways. June.

DRYAS. *Cal.* 5 or 10-cleft : *Petals*  
5 or 8 : *Seeds* with tails, formed  
by the feathered style : *Receptacle*  
broad and flat.

octopetála.

D. *Petals* 8 : leaves simple.*With. Arr.* 478.*Bloff.* snowy white.

Ico. Poly.

*Mountain Avens.* High moun-  
tains. June.

GEUM. *Cal.* 10-cleft : *Petals* 5 :  
*Styles* terminating : *Seed* with a  
jointed awn : *Recept.* pillar-like.

urbánum.

G. Flowers upright : fruit globu-  
lar, woolly : awns hooked, bare :  
root-leaves lyre-shaped : stem-  
leaves in threes.

*With. Arr.* 477. *Curt.* 2. *Woodv.*  
259.

*Petals* yellow.



*Common Avena. Herb Bennet.* Ico. Poly.  
Woods, hedges. Aug.

ACTÆA. *Bloss.* 4 petals: *Cal.* 4  
leaves: *Berry* 1-celled: *Seeds*  
femi-circular.

A. Bunch egg-shaped: fruit berry- spicata.  
like.

*With. Arr.* 483.

*Bloss.* white. *Berries* black.

*Herb Christopher. Baneberries.* Poly. Mo.

Woods, shady places. July.

CHELIDONIUM. *Bloss.* 4 petals:  
*Cal.* 2 leaves: *Pod* strap-shaped:  
*Receptacle* of the seeds (generally)  
lattice-like.

C. Fruit-stalks forming umbels. majus.

*With. Arr.* 483. *Woodv.* 263.

*Flowers* yellow.

*Greater, or Common Celandine.* Poly. Mo.

Hedges, shady places. July.

C. Fruit-stalks with 1 flower: hybridum.  
leaves wing-cleft: segments strap-

shaped: stem smooth: pod with 3 valves.

*With. Arr.* 485. *E. Bot.* 201.

Poly. Mo.

*Plant* sea green. June.

*Red Celandine.* Sandy corn-fields.

CISTUS. *Bluff.* 5 petals: *Cal.* 5 leaves; 2 of them smaller: *Capf.* from 1 to 10-celled: from 3 to 10-valved.

ang'licus.

C. Stems trailing; leaves hairy, opposite, oblong, edges rolled back: flowers in bunches.

*With. Arr.* 490.

*Petals* yellow, finely scolloped.

Poy. Mo.

*Hairy Cistus.* Mountainous pastures, rocks.

Helian'themum.

C. Trailing: stipulæ spear-shaped: leaves oblong, edges rolled back, somewhat hairy.

*With. Arr.* 492. *Curt.* 5.

*Petals* yellow, toothed on the outer part.

*Dwarf Cistus.* Mountainous meadows, in a calcareous soil.

Aug.

*Var. 2. Bloss.* white.

Poly. Mo.

*Var. 3. Bloss.* rose-coloured.

AQUILÉ'GIA. *Cal.* none : *Petals* 5 :

*Nectaries* 5 : horn-shaped, alternating with the petals : *Caps.* 5, distinct.

A. *Nectaries* bowed inwards, nearly equal to the petals : leaflets on leaf-stalks, lobes distant, roundish, bluntish. vulgaris.

*With. Arr.* 495. *E. Bot.* 297.

*Bloss.* blue or purple : pendent.

*Columbines.* Woods, thickets. Poly. Pen.  
June.

A'RUM. *Sheath* 1 leaf, cone-shaped:

*Fruit* naked above, bearing germens at its bottom, and stamens in the middle.

A. Leaves halberd-shaped, very maculatum.  
entire : spike-stalk club-shaped.

*With. Arr.* 497. *Curt.* 2. *Woodw.*  
25.

*Spike-stalk*, upper part purple, or buff. *Berries* red.

Poly. Poly. Cuckoo-pint. Wake Robin. Lords  
and Ladies. Shady places,  
ditch banks.

ANEMONE. See Gen. Ch. p. 25.

ranuncu-  
loides.

A. Seeds pointed: leaflets snipt:  
petals roundish: stem mostly 2-  
flowered.

*With. Arr.* 499.

Var. 2. Stem zig-zag. *Bloss.* 5  
petals.

Poly. Poly. Yellow Anemone. Shady places,  
hedges.

ADONIS. Cal. 5 leaves: Petals 5  
or more: Neck. none: Seeds  
naked.

æstivális. A. Flowers with 5 petals: fruit  
egg-shaped.

*With. Arr.* 503.

Poly. Poly. Corn-fields on Salisbury Plain.

RANUNCULUS. See Gen. Ch. p. 7.

scelerátus.

R. Lower leaves hand-shaped, the  
upper fingered: fruit oblong.

*With. Arr.* 505. *Curt.* 2.

*Flowers small yellow.*

*Round-leaved Water Crowfoot.*

*Celery-leaved Crowfoot.* Shal- Poly. Poly.  
low waters. June.

- R. Seeds rough, with tubercles parvisórus.  
ending in hooked points; leaves  
heart-shaped, hairy, lobed, or  
toothed: stem prostrate.

*With. Arr. 506. E. Bot. 120.*

*Flowers small yellow.*

*Small flowered Crowfoot.* Corn- Poly. Poly.  
fields, in a gravelly soil.

- R. Leaves under water hair-like; aquatilis.  
those above with nearly central  
leaf-stalks.

*With. Arr. 507. E. Bot. 101.*

*Flowers white, with a yellow spot*  
*at the base.* July. Poly. Poly.

*Water Crowfoot.* Ponds, ditches.

- R. Root bulbous: calyx reflected: bulbórus.  
fruit-stalks furrowed: stem up-  
right, many-flowered: leaves  
compound.

*With. Arr. 508. Curt. I.*

Poly. Poly.

*Petals* bright yellow.*Butter-flower.* *Butter-cups.* Meadows.TROLÍUS. *Cal.* none : *Petals* about 14 : *Capsf.* many, egg-shaped, many-seeded.

europæus.

T. *Petals* approaching : nectaries as long as the stamens.*With. Arr.* 510. *E. Bot.* 28.*Blöff.* closed, yellow.

Poly. Poly.

*Globe-flower.*

June.

Sides of mountains.

A'JUGA. See Gen. Ch. p. 54.

rep'tans.

A. Plant smooth, with creeping suckers : leaves egg-shaped, scolloped.

*With. Arr.* 517. *Curt.* 2.*Blöff.* blue, red, or white.

Didy. Gym.

*Common Bugle.*

July.

Moist meadows, pastures, woods.

GALEOB'DOLON. *Blöff.* upper-lip entire, vaulted : lower lip without teeth, 3-cleft ; segments

broad, pointed: *Anthers* fleshy on the back.

G.

lúteum.

*With. Arr.* 530. *Curt.* 4.

*Bloss.* yellow.

*Yellow Archangel*, or *Dead Nettle*. *Didy. Gym.*  
Woods, shady places.

SCROPHULARIA. *Cal.* 5-cleft: *Bloss.*  
with 5 divisions: tube globular,  
the lower segment reflected: *Caps.*  
2-celled, partition double.

S. Leaves oblong heart-shaped, 3- *nodósa.*  
fibred at the base, corners of the  
stem acute.

*With. Arr.* 553.

*Bloss.* upper segments purple.

*Great Figwort. Kernelwort.* *Didy. Ang.*  
Woods, moist hedges. July.

DIGITALIS. *Cal.* with 5 divisions:  
*Bloss.* bell-shaped: 5-cleft, belly-  
ing: *Caps.* egg-shaped, 2-celled,  
many-seeded.

D. Segments of the calyx egg- *purpúrea.*



shaped, acute : blossom blunt,  
upper lip nearly entire.

*With. Arr.* 555. *Curt.* 1. *Woodv.*  
24.

*Bloss.* purple elegantly mottled  
within.

*Common Foxglove.* July.

Didy. Ang.

Hedge-banks ; sides of hills in  
gravelly or sandy soil.

OROBAN'CHE. *Cal.* somewhat clo-  
ven : *Bloss.* gaping : *Germen* rest-  
ing on a gland : *Caps.* 1-celled,  
2-valved, many-seeded.

máior.

O. Stem unbranched, pubescent :  
stamens the length of the blos-  
som.

*With. Arr.* 557. *Curt.* 4.

*Flowers* rust colour, purplish.

Didy. Ang.

*Common Broomrape.* June.

On roots of trees, and in corn-  
fields.

MOEN'CHIA. *Pouch* entire, egg-  
shaped, crowned with the style :  
*Valves* rather convex, parallel to



the partition: *Cells* with many feeds.

- M. Pouches inversely egg-shaped, *fativ'a*.  
on fruit-stalks, containing many feeds.

*With. Arr.* 562.

*Bluff.* yellow.

June. *Tetd. Silicu.*

*Gold of Pleasure. Common Cam-  
line.*

CRAM'BE. The 4 longer filaments  
cloven at the top, one of the  
clefts bearing the anther: *Seed-  
vessel* simple, globular, deciduous.

- C. Leaves and stem smooth. *marítima.*

*With. Arr.* 563.

*Bluff.* large, white.

*Sea Colewort. Cliff Kale. Sandy Tetd. Silicu.*  
sea shores. June.

DRA'BA. See Gen. Ch. p. 27.

- D. Leaves hairy, toothed, or en- *stellata.*  
tire: staff with 1 leaf: pouches  
oblong, upright: petals entire.

*With. Arr.* 565.

- Tetd. Silieu. *Petals* pure white.  
Highlands of Scotland. June.
- murális. D. Stem branched: leaves egg-shaped, fitting, toothed.  
*With. Arr.* 566.
- Tetd. Silicu. *Flowers* white.  
*Speedwell-leaved Whitlow-grafs.*
- incána. D. Stem-leaves numerous, hoary: pouches oblong, flanting, nearly fitting.  
*With. Arr.* 566. *E. Bot.* 388.  
*Petals* white, flightly notched.
- Tetd. Silicu. *Wreathen-podded Whitlow-grafs.*  
Fiffures of limestone rocks.  
July.
- THLAS'PI. See Gen. Ch. p. 26.
- campéstre. T. Pouches roundish: leaves arrow-shaped, toothed, hoary.  
*With. Arr.* 569. *Curt.* 5.  
*Bloff.* white. July.
- Tetd. Silicu. *Mithridate Mustard.* *Bastard*  
*Cress.* Corn-fields, in clayey sandy soil.

COCHLEA'RIA. *Pouch* notched at the end, turgid, rough, many-seeded: valves bulging, blunt.

C. All the leaves trowel-shaped, *dánica*, with halberd-shaped angles at the base.

*With. Arr. 573.*

*Bluff.* white.

June. Teth. Silicu.

*Scurvy-grafs.* Sea shores.

C. Leaves kidney-shaped, entire, *groenlan'-dica*, fleshy.

*With. Arr. 537.*

Mountains of Caernarvonshire. Teth. Silicu.

C. All the leaves egg-spear-shaped, *an'glica*.

*With. Arr. 574.*

*Spoonwort.* *English Scurvy-grafs.* Teth. Silicu.

C. Root-leaves spear-shaped, scolloped: stem-leaves stript. *Armoracia*.

*With. Arr. 575. Woodv. 150.*

*Var. 2.* Root-leaves deeply wing-cleft.

*Flowers* white.

*Horfe Radish.* Sides of ditches. Teth. Silicu.

**IBERIS.** *Bloss.* unequal, the two outer petals larger: *Pouch* roundish, compressed: *Partition* placed crossways: 1 seed in each cell.

*nudicaulis.* I. Herbaceous: leaves wing-cleft: stem naked, simple.  
*With. Arr.* 575. *Curt.* 6.  
*E. Bot.* 327.

*Flowers* small, white. July.

*Tetd. Silicu.* *Rock-cress. Naked Candytuft.*  
 Gravelly places, barren heaths.

**CARDAMINE.** See Gen. Ch. p. 28.

*bellidifolia.* C. Leaves egg-shaped, very entire, on leaf-stalks.  
*With. Arr.* 577.

*Flowers* white.

*Tetd. Siliq.* *Daisy-leaved Ladies Smock.* Near Denbigh.

*petraea.* C. Leaves oblong, toothed.  
*With. Arr.* 577.

*Bloss.* white. July.

*Tetd. Siliq.* *Mountain Ladies Smock.* Rocks.

- C. Leaves winged: leaflets spear-shaped, toothed or cut: stipulæ fringed. impatiens.

*With. Arr. 577. E. Bot. 80.*

*Petals* small, white. June.

*Impatient Ladies Smock.* Moun- Tetr. Siliq.  
tainous meadows.

- C. Stem zigzag: leaflets toothed, flexuosa.  
mostly alternate, unequal at the base.

*With. Arr. 578. Curt. 4.*

*Petals* white.

*Zigzag Ladies Smock.* July. Tetr. Siliq.

Ditches, woods, shady wet places.

SISYMBRIUM. *Pod* cylindrical,  
opening: valves straightish, about  
the length of the partition: *Cal.*  
and *Bloss.* expanding.

- S. Leaves notched, toothed, naked: Iris.  
stem smooth: pods upright.

*With. Arr. 583. Curt. 5.*

*Bloss.* small yellow.

*Broad-leaved Water-cress.* Old Tetr. Siliq.  
walls, rubbish. Aug.

ERY'SIMUM. See Gen. Ch. p. 58.

officinále. E. Pods pressed to the spike-stalk :  
leaves notched.

*With. Arr.* 583. *Curt.* 5.

*Woodv.* 244.

Tetd. Siliq. *Bluff.* yellow. June.

*Hedge Mustard. Wormseed.*

CHEIRANTHUS. *Germen* with a  
glandular tooth on each side :  
*Cal.* closed, 2 of its leaflets bulg-  
ing at the base : *Seeds* flat.

Cheiri. C. Leaves spear-shaped, acute,  
smooth : branches angular : stem  
shrub-like.

*With. Arr.* 586.

*Flowers* yellow.

Tetd. Siliq. *Wall-flower. Wild Cheir.* Old  
walls, roofs. June.

HESPERIS. *Petals* turned oblique-  
ly : *Glands* within the shorter  
filaments : *Cal.* closed : *Pod* stiff  
and straight : *Summit* forked

at the base, approaching at the top.

- H. Stem simple, upright: leaves inódora.  
toothed: petals blunt.

*With. Arr.* 586.

*Flowers* large, purplish red.

*Scentless Damewort.* Pastures, Tctd. Siliq.  
hedges. June.

- A'RABIS. *Nectary*, glands 4, within the leaflets of the calyx, resembling a reflected scale: *Pod* long, compressed, strap-shaped, entire, and knobbed at the end.

- A. Stem-leaves spear-shaped, on thaliána.  
leaf-stalks, very entire: root-leaves egg-spear-shaped, toothed.

*With. Arr.* 587. *Curt.* 2.

*Flowers* small, white.

*Turkey Pod. Coddled Mouse-ear.* Tctd. Siliq.

Walls, roofs, sandy places.

- A. Leaves toothed, rough with stric'ta.  
hair: those of the root spatula-shaped, those of the stem half-



embracing the stem, oblong: pods  
2-edged, upright.

*With. Arr.* 587.

*Velley's Marine Plates. Shiercliff's  
Bristol Guide, p. 83.*

*Flowers* in bunches, white.

Tetd. Siliq.

*Rough Turkey Pod.* St. Vincent's  
Rocks near Bristol.

Turrita.

A. Leaves embracing the stem:  
pods bent backwards, flat strap-  
shaped: cups somewhat wrin-  
kled.

*With. Arr.* 588. *E. Bot.* 178.

*Flowers* straw-coloured.

Tetd. Siliq.

*Tower Turkey Pod.* June.

Old walls, stony places.

TURRITIS. *Pod* very long, angu-  
lar, stiff, and straight: *Cal.* close,  
upright: *Bloss.* upright.

glabra.

T. Root-leaves toothed, rough with  
hair: stem-leaves very entire,  
embracing the stem, smooth.

*With. Arr.* 588. *Curt.* 4.

*Bloss.* greenish white.

Tetd. Siliq.

*Tower Mustard.* June.

Meadows, pastures, pits.

**BRASSICA.** *Cal.* upright, close:  
*Glands* 1 between each shorter  
 stamen and pistil, and 1 between  
 each pair of longer stamens and  
 the calyx: *Seeds* globular.

B. The root a regular continuation of the stem: spindle-shaped. Nápus.

*With. Arr.* 590.

*Bloss.* yellow.

*Wild Navew.* *Rape.* Ditch Tett. Siliq.  
 banks.

B. The root a regular continuation of the stem: cylindrical fleshy. olerácea.

*With. Arr.* 591.

*Sea Colewort.* *Sea Cabbage.* Tett. Siliq.  
 Cliffs on the sea coast.

B. Leaves spear-shaped, indented-ferrated, smoothish: stem upright, smooth. Roughish ascending. Leaves indented or wing-cleft. murális.

*With. Arr.* 592. *Curt.* 3.

*Bloss.* yellow.

*Wild Rocket.* Old walls, rubbish. Tett. Siliq.  
 June.

nonen'sis.

B. Leaves wing-cleft, wings cut, ferrated : stem nearly naked, trailing.

*With. Arr. 593.*

Tetrd. Siliq.

*Isle of Man Cabbage.*

July.

Sea shores, in sandy soil.

SINAPIS. *Cal.* expanding: *Bloss.* claws upright: *Glands* between the shorter stamens and the pistil, and between the longer stamens and the calyx: *Pod* beaked opening: valves shorter than the partition.

arven'sis.

S. Pods with many angles, swollen and bunched out by the seeds: smooth, longer than the 2-edged beak.

*With. Arr. 594. Curt. 5.*

*Petals* yellow.

Tetrd. Siliq.

*Chadlock. Wild Mustard, or Charlock. Corn-fields.*

JUNIPERUS. Male and Fem. flowers distinct.

Male. *Cal.* a scale of the catkin:

*Bloss.* none.

Fem. *Cal.* with 3 divisions :

*Petals* 3 : *Pistils* 3 : *Drupa*

juicy, closed, 1-celled, many-seeded : with 3 tubercles formerly the calyx.

- J. Leaves 3 together, expanding, *communis*, sharp pointed; longer than the berry.

*With. Arr.* 599. *Woodv.* 95.

Berries bluish black.

Mond. Tri.

*Juniper Tree.* Heaths.

GERANIUM. See Gen. Ch. p. 59.

- G. Fruit-stalks shorter than the leaves : leaves 5-lobed; lobes 3-cleft, or many-cleft : petals notched, seed-coats with soft hairs. *dissectum*.

*With. Arr.* 603. *Curt.* 6.

Flowers red.

*Jagged Crane's-bill.*

Aug. Mond. Dec.

Road sides, borders of fields.

- G. Fruit-stalks solitary, 2-flowered, opposite the leaves : calyx *phæum*.

somewhat awned : stem upright : petals waved.

*With. Arr. 605. E. Bot. 322.*

Mond. Dec. *Dusky Crane's-bill.* June.  
Mountainous pastures.

rotundifolium.

G. Petals entire, as long as the calyx : stem spreading : leaves kidney-shaped, cut : seed-coat even, hairy : seeds reticulated.

*With. Arr. 607. E. Bot. 157.*

Flowers purplish flesh-colour, sometimes white. July.

Mond. Dec. *Round-leaved Crane's-bill.* Walls, roofs, ditch-banks.

moschatum. G. Flowers in umbels : leaflets mostly on short leaf-stalks unequally cut.

*With. Arr. 609.*

*Bloss.* red or purple.

Mond. Dec. *Musked Crane's-bill.* Dry pastures. Oct.

PINUS. Male and Fem. flowers on the same plant : *Bloss.* none.

Male. *Calyx* scales forming a bud standing open : *Anthers* naked.

Fem. *Calyx* scales forming a cone, 2 flowers in each scale :  
*Pistil* 1 : *Nut* of 1 cell, without valves, bordered with a membrane.

- P. Leaves in pairs, rigid : cones *sylvétris*.  
 egg-conical, mostly in pairs, as long as the leaves : scales oblong, blunt.

*With. Arr.* 615. *Woodv.* 207.

*Cones* whitish, pendent.

*Mond. Poly.*

*Scotch Fir.* Highland mountains.

FUMA'RIA. See Gen. Ch. p. 60.

- F. Seed-vessels in bunches, 1 seed *officinális*.  
 in each : stem spreading.

*With. Arr.* 620. *Curt.* 2.

*Woodv.* 88.

*Flowers* pink and dark purple.

*Common Fumitory.*

*Aug. Diad. Hex.*

Corn-fields, hedge-banks.

POLYG'ALA. *Cal.* 5-leaved, 2 larger wing-like, before the ripening of the seeds, coloured : *Caps.* inversely heart-shaped, 2-celled : seeds solitary.

vulgáris.

P. Flowers in bunches: stems herbaceous, simple, trailing: leaves strap-spear-shaped.

*With. Arr.* 622. *E. Bot.* 76.

*Bloss.* blue, purple, flesh-colour, or white.

Diad. Oct.

*Common Milkwort.* Pastures, heaths. July.

SPARTIUM. *Cal.* extending downwards, 2-lipped: *Filaments* adhering to the germen: *Summit* woolly above.

scoparium.

S. Leaves in threes, solitary: branches without prickles, angular.

*With. Arr.* 623. *Curt.* 5.

*Woodv.* 89.

Diad. Dec.

*Bloss.* yellow. June.

*Common Broom.* Dry pastures.

GENISTA. *Cal.* 2-lipped, the upper 2, the lower 3-toothed: *Standard* oblong, bent back from the stamens and pistil: *Legumen* regularly-shaped.



- G. Leaves spear-shaped, blunt: pilófa.  
stem with tubercles, prostrate.

*With. Arr. 625. E. Bot. 208.*

*Blöff. yellow.*

Diad. Dec.

Pastures, heaths.

June.

- G. Very thorny; smooth: thorns anglica.  
simple and compound: leaves  
spear-shaped.

*With. Arr. 625. E. Bot. 132.*

*Flowers pale yellow.*

June.

*Needle Furze. Petty Whin.*

Diad. Dec.

Heaths, moist spongy ground.

ANTHYLLIS. *Cal.* bellying: *Legumen* roundish, covered.

- A. Herbaceous: leaves winged, Vulneraria.  
unequal: flowers in a double  
head.

*With. Arr. 629. E. Bot. 104.*

*Flowers yellow.*

*Kidney Vetch. Ladies Finger.*

Meadows, pastures, in a calcareous soil.

Aug.

Diad. Dec.

*Var. 2. Blossoms scarlet.*

O'ROBUS. See Gen. Ch. p. 61.

*stylaticus.* O. Stems drooping, hairy, branched: leaflets 7 to 12 pair.

*With. Arr.* 630.

*Bloss.* long and narrow. July.

*Diad. Dec.* *Bitter Vetch. Wood Peaseling.*

Woods, hedges, pastures.

LA'THYRUS. *Cal.* 2 upper segments shorter: *Style* flat, broader upwards, woolly on the upper surface: *Legumen* generally equal, broad.

*Nissolia.* L. Leaves simple: *stipulæ* awl-shaped.

*With. Arr.* 632. *E. Bot.* 112.

*Bloss.* beautiful crimson.

*Diad. Dec.* *Crimson Grass Vetch.* Borders of corn-fields, pastures.

VÍCIA. See Gen. Ch. p. 61.

*sepium.* V. Legumens mostly 4 together, upright: leaflets egg-shaped, very entire, the outer ones gradually smaller,

*With. Arr.* 637.

*Bloss.* dirty purple. June. Diad. Dec.

*Bush Vetch.* Woods, hedges.

- V. Legumens solitary, upright, lathyroides.  
smooth; leaflets about 6, the lower  
ones inversely heart-shaped: stipulæ half arrow-shaped, very entire: seeds cubic, warty.

*With. Arr.* 638. *E. Bot.* 30.

*Flowers* small, purplish blue.

*Strangle Vetch, or Tare.* Dry Diad. Dec.  
pastures, gravel pits.

ORNI'THOPUS. *Seed-vess.* cylindrical, but jointed and crooked.

- O. Leaves winged: legumens bowed in, much larger than the winged flower-scale. perpusillus.

*With. Arr.* 640. *Curt.* 6.

*E. Bot.* 369.

*Common Birds'-foot.* Sept. Diad. Dec.

Sandy banks, road sides.

HIPPOCREPIS. *Seed-vessel* many-celled, compressed, crooked, with

several notches along one of the seams.

comófa. H. Legumens on fruit - stalks, crowded, bowed, serpentine.

*With. Arr. 641. E. Bot. 31.*

*Bluff.* dull yellow.

Dia. Dec. *Tufted Horse-shoe Vetch.* Meadows in a calcareous soil.

HEDYS'ARUM. *Keel* broad and blunt on the outer part : *Legumen* jointed, 1 seed in each joint.

Onob'rychis H. Leaves winged : legumens with 1 seed, prickly : wings as long as the calyx : stem growing long.

*With. Arr. 642. E. Bot. 96.*

Diad. Dec. *Common Saintfoin. Cock's-head.* Meadows in chalky soil. July.

TRIFO'LIUM. *Flowers* mostly forming a head : *Caps.* or *Legumen*, scarcely longer than the calyx ; not opening, but falling off entire.

T. Heads like umbels: legumens répens.

4-seeded: stem creeping.

*With. Arr. 646. Curt. 3.*

*Bloss.* white.

Sept. Diad. Dec.

*White Trefoil. Dutch Clover.*

T. Heads like umbels: legumens hy'bridum.

4-seeded: stem ascending.

*With. Arr. 647.*

Moist pastures.

Sept. Diad. Dec.

T. Heads woolly: 5-flowered; a subterrá-

rigid tuft from the centre reflected neum.

upon, and enclosing the fruit.

*With. Arr. 647. Curt. 2.*

*Bloss.* white.

*Subterraneous Trefoil.*

Aug. Diad. Dec.

Heaths in sandy gravelly soil.

T. Heads fitting, hemispherical, glomerátum.

rigid: calyxes scored, teeth ex-

panded equal.

*With. Arr. 648. Curt. 4.*

*Bloss.* pale red.

June. Diad. Dec.

*Round-headed Trefoil. Sandy*

meadows, heaths.

scábrum. T. Heads fitting, lateral egg-shaped: segments of the calyx unequal, stiff, bowed back.

*With. Arr. 648. Curt. 6.*

*Bloss.* whitish.

Diad. Dec. *Hard-knotted Trefoil.* June.  
Chalky, sandy pastures.

pratense. T. Spikes crowded: blossoms unequal: calyx with 4 of the teeth equal: stipulæ awned: stems ascending.

*With. Arr. 651.*

*Bloss.* reddish purple, or white.

Diad. Dec. *Purple Trefoil. Honey-suckle Trefoil.* Meadows, pastures. Sept.

filiforme. T. Spikes oval, loosely tiled, few-flowered: stems trailing.

*With. Arr. 655.*

*Bloss* pale yellow.

Diad. Dec. *Small Trefoil. Hop Trefoil.* Sandy heaths, pastures. July.

MEDICAGO. *Pisil* bent, pressing down the keel and springing out of it with a jerk. *Seed-vessel* a

legumen, compressed, bent, or  
twisted spirally.

- M. Spikes oval: seed-vessels kidney-shaped, with 1 cell and 1 seed: stems trailing. lupulina.

*With. Arr. 659. Curt. 2.*

*Blouff.* yellow.

Aug. Diad. Dec.

*Trefoil Medick. Melilot Trefoil.*

*Black Nonsuch.* Norfolk. Corn-fields, meadows, pastures.

- M. Fruit-stalks with 2 or 3 seed-vessels: legumens prickly: stipulæ toothed: leaflets inversely heart-shaped: stems spreading. arabica.

*With. Arr. 660. Curt. 3.*

*Blouff.* yellow.

*Heart Trefoil. Heart Clover.*

Diad. Dec.

Dry sandy pastures. June.

- M. Legumens mostly three, on a fruit-stalk: prickles hooked: stipulæ entire. minima.

*With. Arr. 660.*

*Blouff.* small, pale yellow.

Diad. Dec.

Sandy places.



muricata. M. Fruit-stalks many-flowered :  
legumens roundish, thorny, hoary :  
leaves woolly.

Diad. Dec. *With. Arr.* 664.

At Orford in Suffolk on the sea  
bank.

TRAGOPOGON. *Recept.* naked :  
*Calyx* simple : *Down* feathered.

porrifolium. T. Calyx longer than the rays of  
the blossom : leaves entire, stiff  
and straight : fruit-stalks thick-  
ening upwards : florets very nar-  
row, lopped.

*With. Arr.* 672.

*Bloss.* purple.

Syng. Æqua. *Purple Goats'-beard. Salsafy.*  
Meadows, pastures.

LEONTODON. See Gen. Ch. p. 9.

hispidum. L. All the scales of the calyx up-  
right : leaves toothed, very en-  
tire, hispid : bristle-like hairs  
forked.

*With. Arr.* 681. *Curt.* 5.

Syng. Æqua. *Rough Dandelion.*  
Meadows, pastures. Sept.

**HIERA'CUM.** *Recept.* generally naked: *Calyx* tiled, egg-shaped, sometimes double: *Down* mostly fitting, hair-like: rarely feathered.

H. Leaves very entire, egg-shaped, cottony underneath: suckers creeping. *Pilosella.*

*With. Arr.* 682. *Curt.* 4.

*Bloss.* pale yellow within.

*Creeping Mouse-ear.* Dry Meadows, walls. *Syng.Æqua.* Sept.

**HYO'SERIS.** *Recept.* naked: *Calyx* nearly equal: *Down* fitting, like awned chaff, surrounded with hairs; or, instead thereof, a minute calyx including a very fine down.

H. Stem divided, naked: fruit-stalks thickening upwards. *minima.*

*With. Arr.* 690. *E. Bot.* 95.

*Bloss.* yellow.

*Small Swine's Succory.* June. *Syng.Æqua.*  
Meadows in gravelly soil.

HYPOCHÆRIS. *Recept.* chaffy:  
*Cal.* somewhat tiled: *Down* on a  
 pedicle; feathered.

radicata.

H. Stem branched, naked, even;  
 leaves notched, blunt, rough;  
 fruit-stalks scaly.

*With. Arr.* 692. *Curt.* 3.

*Bloss.* yellow within, reddish-  
 green without.

Syng. Æqua.

*Long-rooted Hawkweed* Mea-  
 dows, pastures. cpt.

CARDUUS. *Cal.* bellying tiled:  
 scales thorny: *Recept.* hairy.

pratensis.

C. Leaves spear-shaped, ragged,  
 and edged with unequal prickles:  
 cottony underneath: stem cot-  
 tony, generally with 1 flower and  
 2 leaves.

*With. Arr.* 701. *E. Bot.* 177.

*Bloss.* red. June.

Syng Æqua.

*Meadow Thistle.* *English Soft,* or  
*Gentle Thistle.* Meadows.

GNAPHALIUM. *Recept.* naked:  
*Down* hair-like, or feathered:

*Calyx* tiled: scales at the edge roundish, skinny, coloured.

- G. Runners trailing: stem undivided: flowers in a simple corymbus: male and female flowers on distinct plants.

Male plant.

*With. Arr.* 712. *E. Bot.* 267.

*Bloss.* white, purple, or red.

*Cats'-foot. Cudweed.* June. *Syng. Super.*

Dry mountainous pastures.

CINERARIA. *Recept.* naked: Down hair-like: *Cal.* single, many-leaved, equal.

- C. Flowers in a terminating umbel, with an involucre at its base: leaves inversely egg-shaped, woolly, indistinctly toothed.

*With. Arr.* 730. *E. Bot.* 152.

*Flowers* 1 to 4, yellow.

*Mountain Fleawort.* Hilly pastures. June. *Syng. Super.*

DORONICUM. *Recept.* naked: Down hair-like: *Cal.* scales in 2 rows; equal, longer than the blossoms:

*Seeds of the circumference down-  
less and naked.*

Pardalian-  
ches.

D. Leaves heart-shaped, blunt,  
finely toothed: root-leaves on  
leaf-stalks: stem-leaves embrac-  
ing the stem.

*With. Arr. 732.*

Syng. Super.

*Bloss. yellow.*

June.

*Great Leopard's Bane. Wolf's  
Bane.*

MATRICA'RIA. *Recept. naked: Down  
none: Calyx hemispherical, tiled;  
scales rather pointed, not skinny  
at the edge.*

Chamo-  
milla.

M. Receptacles conical; rays ex-  
panding: calyx scales equal at  
the edge.

*With. Arr. 736. Curt. 5.*

Syng. Super.

*Chamomile Feverfew. Aug.  
Corn-fields, dunghills, road-fides.*

AN'THEMIS. *Recept. chaffy: Down  
none: Calyx hemispherical, scales  
nearly equal: Florets of the cir-  
cumference more than 5.*

A. Receptacles conical : chaff bristle-shaped : seeds naked. Cótula.

*With. Arr.* 738. *Curt.* 5.

*Stinking Chamomile. Mayweed.*

Corn-fields, road-sides, dunghills.

*Var. 2. Double-flowered.* All the *Syng. Super.*  
florets narrow. Aug.

## JUNE.

CHA'RA. Male. *Calyx* none: *Anther* at the base of the germen.

Fem. *Cal.* 4-leaved: *Summits* 5-cleft: *Seed* 1.

omentófa. C. Prickles on the stem egg-shaped.

*With. Arr.* 2. Oct.

Mo. Mo. *Brittle Stonewort.* Ditches, ponds.

his'pida. C. Prickles on the stem hair-like, in clusters.

*With. Arr.* 3. Oct.

Mo. Mo. *Prickly Stonewort.* Ditches, pools.

fléxilis. C. Joints of the stem without prickles, semi-transparent, broader upwards. Of an equal thickness the whole length.

*With. Arr.* 3. Oct.

Mo. Mo. *Smooth Stonewort.* Ponds, ditches.

ZANNICHEL'LIA. Flowers Male and Fem. on the same plant: without petals.



Male. *Cal.* none.

Fem. *Cal.* 1 leaf; bell-shaped:

*Seeds* about 4.

Z.

*With. Arr.* 6.

*palustris.*

*Horned Lakeweed, or Pondweed.*

Ditches, stagnant waters. July. Mo. Tet.

LIGUSTRUM. *Bloff.* 4-cleft: *Berry*  
with 2 cells, 2 seeds in each  
cell.

L. Leaves egg-shaped, blunt: *pa-* *vulgare.*  
*nicle* with 3 divisions.

*With. Arr.* 10. *Curt.* 5.

*Bloff.* white. *Berries* black.

*Privet. Prim. Print.* Hedges in Di. Mo.  
gravelly soil.

CIRCÆA. *Bloff.* 2 petals: *Cal.* 2-  
leaved, superior.

G. Stem upright: bunches feve- *lutetiāna.*  
ral: leaves egg-shaped, some-  
what ferrated: rough with hair.  
Leaves egg-spear-shaped, hairs  
somewhat ferrated.

*With. Arr.* 10. *Curt.* 3.

Di. Mo. *Enchanter's Nightshade.* July.  
Woods, moist hedge bottoms.

VERO'NICA. See Gen. Ch. p. 5.

spicata.

V. Spike terminating: leaves opposite, blunt, scolloped: stem ascending, undivided: spike conical: leaves spear-shaped: stamens much longer than the blossoms.

*With. Arr. 12. E. Bot. 2.*

*Bluff.* blue.

Di. Mo.

*Upright-spiked Male Speedwell.*  
Mountainous moist pastures.

faxatilis.

V. Bunch terminating, somewhat like a corymbus: leaves opposite, nearly egg-shaped, smoothish, slightly scolloped: fruit - stalks longer than the floral-leaves: stems and cups woolly.

*With. Arr. 14.*

Di. Mo.

*Bluff.* blue-red with purple lines.  
Rocks. July.

Beccabunga.

V. Bunches lateral: leaves egg-shaped, flat: stem creeping.

*With. Arr. 15. Curt. 2. Woodv. 7.*

*Bloss.* blue.

*Brooklime.* Slow shallow streams. Di. Mo.

- V. Bunches lateral, thinly set with scutellata.  
flowers, wide-spreading, alter-  
nate: little fruit-stalks pendent:  
leaves very entire, strap-shaped.

*With. Arr.* 16. *Curt.* 5.

*Bloss.* white or purplish.

*Narrow-leaved Speedwell.* Poor Di. Mo.  
swampy soil. Aug.

- PINGUICULA. *Bloss.* gaping, end-  
ing in a spur: *Cal.* 2-lipped, 5-  
cleft: *Caps.* 1 cell.

- P. Nectary blunt, shorter than the lusitanica.  
petal: stalk hairy: capsule glo-  
bular: nectary thickest at the  
end.

*With. Arr.* 18. *E. Bot.* 145.

*Bloss.* lilac-coloured.

Di. Mo.

Marshes.

July.

- SALVIA. *Bloss.* gaping: *Filaments*  
fixed transversely to a little foot-  
stalk.

- praten' sis. S. Leaves heart-oblong, scolloped: upper leaves embracing the stem: flowers in whirls with hardly any intermixture of leaves: helmet of the blossom gummy.

*With. Arr. 21. E. Bot. 153.*

*Bloss.* bluish purple.

- Di. Mo. *Meadow Sage, or Clary.* Meadows, pastures. July.

- verbenáca. S. Leaves indented, ferrated, smoothish: blossom more slender than the calyx.

*With. Arr. 21. Curt. 6. E. Bot. 154.*

- Di. Mo. *Bloss.* blue.

*Wild Clary. Wild Sage.*

OR'CHIS. See Gen. Ch. p. 30.

- bifolia. O. Lip of the nectary spear-shaped, very entire: horn very long: petals expanding.

*With. Arr. 21. E. Bot. 22.*

*Flowers* white, of a sweet scent in the night.

- Di. Mo. *Butterfly Orchis.* Meadows, at Sedgwick Park, Suffex.

- O. Lip of the nectary 2-horned, *pyramidalis*.  
 3-cleft : segments equal, very  
 entire : horn long : petals some-  
 what spear-shaped.

*With. Arr.* 23. *E. Bot.* 110.

*Flowers* purple.

*Late-flowering Orchis.* July. Di. Mo.

Meadows in a calcareous soil.

- O. Bulbs expanding : horn of the *maculata*.  
 nectary shorter than the germen :  
 lip flat : petals on the back up-  
 right.

*With. Arr.* 27.

*Flowers* pale purple.

*Female-handed Orchis. Spotted  
 Orchis.*

Di. Mo.

Woods, rich meadows.

- O. Horn of the nectary bristle- *conopsea*.  
 shaped, longer than the germen :  
 lip cloven into 3 : two of the pe-  
 tals very much expanding.

*With. Arr.* 28. *E. Bot.* 10.

*Flowers* flesh-coloured, or pale  
 purple, very sweet.

*Red-handed Orchis.* Meadows. Di. Mo.

**SATYRIUM.** *Nectary* behind the flower : inflated, roundish.

*hircinum.*

S. Bulbs undivided : leaves spear-shaped : lip of the nectary 3-cleft: the middle segment strap-shaped, oblique, bitten off.

*With. Arr. 29. E. Bot. 34.*

*Flowers* whitish, smelling like a goat.

Di. Mo.

*Lizard Flower, or Satyrion.*

Chalky meadows.

July.

*viride.*

S. Bulbs hand-shaped : leaves oblong, blunt : lip of the nectary strap-shaped, 3-cleft : the middle segment indistinct.

*With. Arr. 30. E. Bot. 94.*

*Flowers* pale, greenish.

Di. Mo.

*Frog Satyrion.*

Aug.

Meadows, in gravelly soil.

*albidum.*

S. Bulbs bundled : leaves spear-shaped : lip of the nectary 3-cleft: segments acute : the middle one blunt.

*With. Arr. 31.*

*White Satyrion.* July. Di. Mo. 2

Moist meadows in Wales.

- S. Roots fibrous: leaves egg-shaped, growing from the root: flowers pointing one way. *repens.*

*With. Arr. 13. E. Bot. 289.*

Flowers whitish, or straw-colour.

*Creeping Satyrion.* Old mossy Di. Mo.  
woods. Aug.

O'PHRYS. See Gen. Ch. p. 34.

- O. Bulb fibrous: stem with 2 *cordata.*  
leaves: leaves heart-shaped.

*With. Arr. 35. E. Bot. 358.*

*Leafy Twayblade.* July. Di. Mo.  
Moist mountainous heaths.

- O. Bulb roundish: stalk naked, *Loeselii.*  
3-cornered: lip of the nectary  
egg-shaped.

*With. Arr. 35. E. Bot. 47.*

Flowers in a bunch, yellowish  
green. July. Di. Mo.

*Dwarf Twayblade.* Moors.

- O. Bulbs roundish: stalk leafy: *anthropo-*  
lips of the nectary strap-shaped, *phora.*



3-cleft : the middle segment long, cloven.

*With. Arr. 37. E. Bot. 29.*

Di. Mo.

*Man Twayblade.* Chalky meadows.

apifera.

O. Bulbs roundish : stem leafy : lip of the nectary with lobes, the lobes bent in underneath, shorter than the petals.

*With. Arr. 38. Curt. 1. E. Bot. 383.*

Di. Mo.

*Bee Orchis, or Twayblade.* Meadows.

SERA'PIAS. See Gen. Ch. p. 71.

longifolia.

S. Leaves spear-shaped, embracing the stem : flowers nearly horizontal : lip scolloped, blunt, longer than the petals.

*With. Arr. 41. E. Bot. 270.*

*Marsh Helleborine.*

Aug.

Di. Mo.

Marshy places.

MALAX'IS. Nectary 1 leaf, heart-shaped, concave, enclosing the stamens and pistils.

- M. Stalk 5-edged : leaves sheath- paludosa.  
ing, battledore shaped.

*With. Arr. 39. E. Bot. 72.*

*Flowers green yellow.*

*Marsh Twayblade. Near Nor- Di. Mo.*  
*wich. July.*

- LEMNA. See Gen. Ch. p. 71.

- L. Leaves on leaf-stalks, spear- trifol'ca.  
shaped.

*With. Arr. 43.*

*Ivy-leaved Duckmeat. Sept.*

*Ditches, stagnant waters. Di. Mo.*

- L. Leaves fitting, flattish on both minor.  
sides : roots solitary.

*With. Arr. 44.*

*Least Duck-meat. Greeds. Pools. Di. Mo.*

*Flowers in the dog-days.*

*Sept.*

- SA'LIX. See Gen. Ch. p. 31.

- S. Leaves egg-shaped : semi- myrsin'ites.  
transparent.

*With. Arr. 48.*

*Whortle-leaved Willow. High- Di. Mo.*  
*land mountains.*

retúsa. S. Leaves somewhat serrated, inversely egg-shaped, very blunt.  
*With. Arr.* 48.

Di. Mo. Rocks in Scotland.

lappónum. S. Leaves hairy, spear-shaped.  
*With. Arr.* 51.

Di. Mo. *Lapland Willow.* Highland mountains.

VALERIANA. See Gen. Ch. p. 34.

officinális. V. Leaves all winged and toothed.  
*With. Arr.* 66. *Curt.* 6. *Woodv.* 96.

*Bloss.* pink.

Tri. Mo. *Great Wild Valerian.* Hedges, woods, marshes.

IRIS. *Bloss.* with 6 divisions, unequal, every other segment bent back as if jointed: *Summits* petal-like, 2-lipped, edges at the base turned up.

foetida. I. Stem with 1 angle.  
*With. Arr.* 70.

*Bloss.* purple ash-colour.

*Var. 2.* Leaves striped.

*Stinking Gladdon.* Hedge-banks. Tri. Mo.

July.

- I. Every other segment of the *psuedácorus*.  
blossom smaller than the summit.

*With. Arr.* 69. *Curt.* 3.

*Woodv.* 40.

*Bloss.* yellow.

*Flower-de-luce.* *Water Flag.* Tri. Mo.

Banks of rivers. July.

*NAR'DUS.* *Cal.* none: *Bloss.* 2 valves:

*Nectary* none.

- N. Spike slender, straight: the *fricta*.  
florets pointing in one direction.

*With. Arr.* 71. *E. Bot.* 290.

*Small Matweed.* Heaths, marshes. Tri. Mo.

*ERIO'PHORUM.* See Gen. Ch. p.

10.

- E. Straws cylindrical: leaves chan- *angustifó-*  
nelled and 3-cornered: spikes on *lium*.  
fruit-stalks.

*With. Arr.* 72.

*Cotton-grass.* *Moor-grass.* Tri. Mo.

Marshes, bogs.

M

alpínium.

E. Straws naked, 3-cornered : spike shorter than the down.

*With. Arr. 72. E. Bot. 311.*

Moffes.

DIP'SACUS. *Cal. common, many-leaved : proper, superior : Recept. chaffy.*

fylvéftris.

D. Leaves in opposite pairs, united at the base : chaff straight.

*With. Arr. 182. Curt. 3.*

Tet. Mo.

*Wild Teasel. Wet hedge-banks.*

Aug.

fullónum.

D. Leaves fitting : serrated : chaff bent backwards.

*With. Arr. 182.*

Tet. Mb.

*Manured Teasel.*SCABIO'SA. *Cal. common, many-leaved : proper, double, superior : Recept. naked, or chaffy : Seed wrapped in the proper cup.*

succis'a.

S. Blossoms 4-cleft, equal : stem undivided : branches approaching : leaves spear-egg-shaped.

*With. Arr. 183. Curt. 3.*

*Bloss.* bluish purple.

*Devil's-bit Scabious.*

Aug. Tet. Mo.

Fields, pastures.

- S. Blossoms 5-cleft, radiating: columbária.  
root-leaves simple, scolloped:  
stem-leaves compound.

*With. Arr.* 184.

*Flowers* lilac-colour.

*Small Scabious.*

Sept. Tet. Mo.

Dry hilly pastures.

- S. Blossoms 4-cleft, radiating: arven'sis.  
leaves wing-cleft and jagged:  
stem rough with strong hairs.

*With. Arr.* 183. *Curt.* 4.

*Bloss.* blue, purple, or white.

*Field Scabious.* Pastures, corn- Tet. Mo.  
fields. Aug.

ASPERULA. See Gen. Ch. p. 77.

- A. Leaves 4 in a whirl, strap- cynan'chica.  
shaped: upper leaves opposite:  
stem upright: flowers 4-cleft.

*With. Arr.* 186. *E. Bot.* 33.

*Bloss.* pale rose red.

Tet. Mo.

*Squinancy. Wort.*

July.

Limestone hills, chalky soil.

GAL'IUM. See Gen. Ch. p. 77.

erectum.

G. Leaves mostly 8 in a whirl: spear-shaped, with fine prickly serratures: panicles with 3 divisions: stem rough, flaccid.

*With. Arr.* 189.*Flowers* white, 4-cleft.

Tet. Mo.

*Upright Goose-grass.* Meadows, wet pastures. July.

mollugo.

G. Leaves 8 in a whirl, egg-strap-shaped, dagger-pointed: somewhat serrated, greatly expanded: stem feeble: branches greatly expanding.

*With. Arr.* 189.*Bluff.* white.

Tet. Mo.

*Madder Goose-grass. White Ladies Bedstraw.*

Hedges, heaths.

Aug.

spurium.

G. Male flowers 3-cleft, on pedicles springing from the fruit-



stalks of the hermaphrodite flowers.

*With. Arr.* 190. July.

Corn-fields, in a limestone soil. Tet. Mo.

- G. Leaves about 6 in a whirl, ang'licum.  
 spear-shaped, pointed, edged with  
 prickles, reflected: stem wide-  
 spreading, rough with prickles  
 pointing downwards.

*With. Arr.* 191. *E. Bot.* 384. Tet. Mo.

*Bloss.* greenish yellow.

*Small Goose-grass.* Walls. July.

- G. Leaves unequal, strap-spear- palus'tre.  
 shaped, smooth, entire, blunt, 4,  
 5, or 6, in a whirl: stems rough,  
 spreading, branched upwards.

*With. Arr.* 187.

*White Ladies Bedstraw.* July. Tet. Mo.

Banks of rivulets and pools.

- G. Leaves 8 in a whirl, strap-shap- verum.  
 ed, furrowed: flowering branches  
 short.

*With Arr.* 191. *Curt.* 6.

*Yellow Ladies Bedstraw.* Cheese- Tet. Mo.  
*rening.* Sides of fields and  
 roads.

LITTOREL'LA. M. and Fem. flowers on the same plant.

Male. *Bloff.* 4-cleft: *Cal.* 4 leaved: *Stam.* long.

Fem. *Bloff.* mostly 4-cleft: *Cal.* none: *Style* long: *Seed* a nut.

lacus tris.

L.

*With. Arr.* 194.

Tet. Mo.

*Plantain Shoreweed.* Marshy places, in sandy soil.

PLANTA'GO. *Bloff.* 4-cleft, permanent, the border broken back: *Cal.* 4-cleft: *Stam.* extremely long: *Caps.* 2-celled, cut round, superior.

máior.

P. Leaves egg-shaped, smooth: stalk cylindrical: spike tiled with florets.

*With. Arr.* 195. *Curt.* 2.

*Woodv.* 14.

Tet. Mo.

*Way-bread.* Great *Plantain.*

Road-fides.

Aug.

média.

P. Leaves egg-spear-shaped: pu-

bescent : spike and stalk cylindrical.

*With. Arr. 196. Curt. 4.*

*Lamb's Lettuce. Hoary Plantain.*

Road-sides; pastures, in chalky, Tet. Mo.  
marly soils. Aug.

- P. Leaves spear-shaped : spike lanceolata.  
nearly egg-shaped, naked : stalk  
angular.

*With. Arr. 196. Curt. 2.*

*Ribwort Plantain. Pastures. Tet. Mo.*

- P. Leaves strap-shaped, mostly entire : woolly at the base : spike  
and stalk cylindrical. maritima.

*With. Arr. 197. E. Bot. 175. Tet. Mo.*

*Sea Plantain. Sea coast. July.*

- P. Leaves strap-shaped, toothed ; stalk cylindrical. Leaves between  
winged and toothed. coronopus.

*With. Arr. 198.*

*Star of the Earth. Hartshorn. Tet. Mo.*

Gravelly soil, sea shore. Aug.

EPIMÉDIUM. *Bloss. 4 petals : Nectaries 4, leaning : Cal. deciduous : Seed-vessel a pod.*

alpínium.

E.

*With. Arr.* 199.*Bloss.* mulberry red with a yellow stripe.

Tet. Mo.

Bingley woods.

July.

CENTUNCULUS. *Cal.* 4-cleft: *Bloss.* 4-cleft, expanding: *Stam.* short: *Caps.* 1-celled, cut round.

minímus.

C.

*With. Arr.* 198. *Curt.* 3.*Bloss.* minute, white.

Tet. Mo.

*Baslard Pimpernel.* Moist sandy ground.

SANGUISORBA. *Bloss.* 4-cleft: *Ger-men* betwixt the calyx and the blossom.

officinális.

S. Spikes egg-shaped.

*With. Arr.* 199.*Wild, or Great Burnet.* Aug.

Tet. Mo.

Pastures in calcareous soil.

CORNUS. *Involucrum* generally 4-leaved: *Petals* 4, superior: *Drupa* succulent, beneath, 2-celled, hard, solitary.

- C. Branches straight, leaves egg-shaped, green on both sides: tuft flattened. sanguinea.

*With. Arr.* 200. *E. Bot.* 249.

*Bloss.* white.

Tet. Mo.

*Dogberry Tree.* Woods, hedges.

- C. Herbaceous, with 1 pair of branches. fœcia.

*With. Arr.* 200. *E. Bot.* 310.

*Bloss.* white.

*Dwarf Honeyfuckle.* Hills in the Tet. Mo.  
North. July.

ALCHEMILLA. *Cal.* 8-cleft: *Bloss.* none: *Seed* 1 or 2 enclosed by the calyx.

- A. Leaves gashed.

vulgaris.

*With. Arr.* 204.

*Flowers* yellowish green.

*Bearsfoot. Common Ladies Mantle.* Tet. Mo.

Meadows, pastures. Sept.

POTAMOGETON. See Gen. Ch. p. 80.

- perfoliatum*. P. Leaves heart-shaped, embracing the stem.  
*With. Arr.* 212. *E. Bot.* 168.  
*Bloss.* yellowish.
- Tet. Tet. *Perfoliate Pondweed.* Slow rivers, ponds. Aug.
- lucens*. P. Leaves very long and spear-shaped, sitting: upper ones opposite.  
*With. Arr.* 212. *E. Bot.* 376.  
*Bloss.* reddish.
- Tet. Tet. *Long-leaved Pondweed.* Rivers, ponds. July.
- compressum*. P. Leaves strap-shaped, blunt: stem flattened.  
*With. Arr.* 213.  
*Bloss.* greenish.
- Tet. Tet. *Flat-stalked Pondweed.* Slow streams, ditches. July.
- pufillum*. P. Leaves strap-shaped, opposite and alternate, distinct, expanding from the base: stem cylindrical.  
*With. Arr.* 214. *E. Bot.* 215.
- Tet. Tet. *Small Pondweed.* Ponds in clayey soil. Aug.

SAGI'NA. See Gen. Ch. p. 37.

S. Branches trailing. procumbens

*With. Arr.* 215. *Curt.* 3.

*Bluff.* greenish white.

*Chickweed. Breakstone.* Walls, Tet. Tet.  
roofs, sand and boggy places.

S. Stem spreading, forked: leaves cerastoides.  
battledore, or inversely egg-shaped:  
pointed, bent back: fruit-  
stalks reflected after flowering.

*With. Arr.* 216. *E. Bot.* 166.

*Bluff.* 4 petals, white. Tet. Tet.

CYNOGLOS'SUM. See Gen. Ch. p.  
84.

C. Stamens shorter than the blof- officinale.  
som: leaves broad, spear-shaped,  
fitting, cottony.

*With. Arr.* 227. *Curt.* 4.

*Woodv.* 216.

*Bluff.* marone, or mulberry-colour.

*Great Houndstongue.* Road sides, Pen. Mo.  
rubbish.

VI'OLA. See Gen. Ch. p. 6.



- \*palus' tris. V. Leaves kidney-shaped.  
*With. Arr.* 261. *Curt.* 3.
- Pen. Mo. Marsh Violet. Moist meadows,  
 bogs. April.
- BORAGO. *Bluff.* wheel-shaped;  
 mouth closed with rays: *Nuts* 4,  
 not perforated.
- officinalis. B. All the leaves alternate: calyxes  
 expanding.  
*With. Arr.* 230. *Woodv.* 217.  
*E. Bot.* 36.
- Pen. Mo. Common Borage. Walls, rubbish.  
 Aug.
- LYCOPSIS. *Bluff.* tube crooked:  
 Mouth closed with scales: *Nuts*  
 4, perforated.
- arven' sis. L. Leaves spear-shaped, rough with  
 hair: calyx while in flower up-  
 right.  
*With. Arr.* 231. *Curt.* 5.
- Bluff.* sky-blue.
- Pen. Mo. Wild Bugloss. Corn-fields, road-  
 sides. Sept.

\* This plant was by mistake omitted in  
*March*, when it first flowers. It should have  
 followed *Viola hirta*, p. 18.

ECHIUUM. *Bloff.* irregular: *Mouth* naked: *Nuts* 4, large, rough, imperforated.

E. Stem rough with bristles and tubercles: stem-leaves spear-shaped, rough with hair: flowers in lateral spikes. vulgare.

*With. Arr.* 232. *E. Bot.* 181.

*Bloff.* before it expands bright red, afterward blue.

*Common Viper-grafs.* Sandy corn- Pen. Mo.  
fields, walls, rubbish. Aug.

E. Stem upright, hairy: spikes hairy: segments of the blossoms nearly equal: stamens extremely long. italicum.

*With. Arr.* 232.

*Bloff.* white.

*Wall Viper-grafs.* Sandy meadows, Pen. Mo.  
pastures.

MENYANTHES. *Bloff.* hairy, or fringed: *Nect.* 5 at the base of the germen: *Summit* 2-lobed: *Caps.* 1-celled.

trifoliáta.

**M.** Leaves growing by threes :  
blossom segments entire at the  
edge ; shaggy on the upper sur-  
face.

*With. Arr.* 236. *Curt.* 4.

*Woodv.* 2.

*Blöff.* pinky, and white.

Pen. Mo.

*Marsh Trefoil.* Ponds, pits.

July.

**HOTTO'NIA.** *Blöff.* salver-shaped :  
*Stem* fixed to the top of the tube :  
*Summit* globular : *Capsf.* 1-celled,  
globular.

palus'tris.

**H.** Fruit-stalks in whirls, many-  
flowered.

*With. Arr.* 236. *Curt.* 1.

*E. Bot.* 364.

*Water Violet.* *Water Yarrow.*

Pen. Mo.

Ponds, ditches. July.

**LYSIMA'CHIA.** *Blöff.* wheel-shaped :  
*Capsf.* globular ; dagger-pointed :  
of 1-celled, 5 valves, and many  
feeds.

vulgáris.

**L.** Panicked : bunches terminating.

*With. Arr.* 237. *Curt.* 5.

*Flowers* yellow.

*Yellow Willow-herb*, or *Loose-  
strife*. Banks of rivers. July. Pen. Mo.

L. Bunches lateral, on fruit- *thyrsiflóra*.  
stalks.

*With. Arr.* 237. *E. Bot.* 176.

*Bloss.* yellow.

*Tufted Loosestrife*. Marshes, Pen. Mo.  
banks of rivers.

L. Leaves somewhat heart-shaped: *Nummulá-  
flowers* solitary: stem creeping. *ria*.

*With. Arr.* 238. *Curt.* 3.

*Bloss.* yellow.

*Money-wort. Herb Twopence*. Pen. Mo.  
Meadows.

CONVOLVULUS. *Bloss.* bell-shaped,  
plaited: *Nect.* surrounding the  
base of the germen: *Summits* 2:  
*Caps.* 2 or 3-celled, 2 seeds in  
each.

C. Leaves arrow-shaped, acute on *arven'fis*.  
each side: fruit-stalks bearing  
generally 1 flower.

*With. Arr.* 239. *Curt.* 2.

*E. Bot.* 312.

*Bloss.* flesh-coloured, almost white.

Pen. Mo. *Small Bindweed.* Corn-fields,  
road-sides. July.

POLEMO'NIUM. *Bloss.* wheel-shaped, with 5 divisions: *Filaments* broad and membranaceous at the base: *Summit* 3-cleft: *Caps.* 3-celled, opening at the top: *Seeds* angular.

cæruleum. P. Leaves winged: flowers upright: calyx longer than the tube of the blossom.

*With. Arr.* 241. *E. Bot.* 14.

*Bloss.* blue, or white.

Pen. Mo. *Greek Valerian.* *Jacob's Ladder.*

CAMPA'NULA. *Bloss.* bell-shaped: *Filaments* broad and arched at the base: *Summit* 3-cleft: *Caps.* beneath, 3-celled, opening at 3 lateral holes.

hybrida. C. Stem stiff and straight, somewhat branched at the base: leaves oblong, scolloped: cups incorporated, and longer than the blossom.

*With. Arr.* 244.

*Bloss.* purple.

*Lesser Venus' Looking-glass.*

Chalky corn-fields. July. Pen. Mo.

SA'MOLUS. *Bloss.* salver - shaped :  
*Stamens* protected by the valves  
 of the blossom: *Caps.* 1-celled :  
 beneath : opening with 5 valves  
 at the top.

S.

*With. Arr.* 246. *Curt.* 4.

Valerian di.

*Bloss.* white.

*Round-leaved Water Pimpernel.*

Marshes, moist meadows. July. Pen. Mo.

JASIONE. Common *Calyx* 10-leav-  
 ed : *Cup proper*, 5 toothed : *Bloss.*  
 5 petals regular : *Anthers* united :  
*Caps.* beneath ; 2-celled ; many-  
 feeded, opening at the top,  
 crowned by the proper cup.

J. Leaves strap-shaped, very entire. montána.

*With. Arr.* 247. *Curt.* 4.

*Bloss.* blue, or white.

*Hairy Sheep Scabious.* Sandy, bar- Pen. Mo.  
 ren fallows. July:

VERBAS'CUM. *Bloss.* wheel-shaped, nearly regular: *Caps.* 2-celled, 2-valved, many-seeded.

Thap'sus.

V. Leaves decurrent, cottony on both sides: stem unbranched: summit globular.

*With. Arr.* 248. *Woodv.* 125.

*Bloss.* yellow, rarely white.

Pen. Mo.

*Great White Mullein.* Dry ditch-banks, in chalky soil. July.

Blattária.

V. Leaves embracing the stem, oblong, smooth: fruit-stalks solitary.

*With. Arr.* 251.

Pen. Mo.

*Yellow Moth Mullein.* Gravelly soil. July.

HYOSCY'AMUS. *Bloss.* funnel-shaped, blunt, irregular: *Stam.* leaning: *Caps.* with a lid, 2-celled: *Seeds* many, kidney-shaped.

níger.

H. Leaves embracing the stem, indented: flowers sitting.

*With. Arr.* 252. *Woodv.* 52.

Pen. Mo.

*Common Henbane.* Road-sides, rubbish.



ATROPA. *Bloss.* bell-shaped: *Stam.*  
distant: *Berry* globular, 2-celled.

A. Stem herbaceous: leaves egg- Belladonna.  
shaped, entire.

*With. Arr.* 252. *Curt.* 5.

*Woodv.* 1.

*Bloss.* dark purple.

*Deadly, or Sleepy Nightshade.*

Hedges, limestone rubbish.

Pen. Mo.

Aug.

SOLA'NUM. *Bloss.* wheel-shaped:  
*Anthers* a little united, 2 holes  
at the top of each: *Berry* 2-  
celled.

S. Stem without prickles, rather Dulcamara.  
shrub-like, zigzag: upper leaves  
halberd-shaped: flowers in tuft-  
like bunches.

*With. Arr.* 253. *Curt.* 1.

*Woodv.* 33.

*Bloss.* purple. *Berries* scarlet.

*Bitter-sweet. Woody Nightshade.* Pen. Mo.

Hedges, sides of ditches. July.

S. Stem without prickles, her- nigrum.  
baceous: leaves egg-shaped,

toothed, angular: bunches nodding, pointing 2 ways.

*With. Arr.* 254. *Curt.* 2.

*Woodv.* 226.

*Bloff.* white. *Berries* black.

*Common*, or *Garden Nightshade*.

Pen. Mo:

Rubbish, dunghills, gardens.

Oct.

CHIRO'NIA. *Bloff.* funnel-shaped: *Pistil* leaning: *Stam* fixed on the top of the tube of the blossom: *Anthems* becoming spiral: *Seed-vessel* 2-celled.

Centaúrium C. Herbaceous: leaves spear-shaped: calyx shorter than the tube of the blossom.

*With. Arr.* 255. *Curt.* 4.

*Woodv.* 157.

*Bloff.* yellowish, border pinky red.

Pen. Mo.

*Lesser Centory.* Barren pastures.

Aug.

GLAU'X. *Cal.* 1 leaf: *Bloff.* none: *Caps.* 1-celled, 5-valved, 5-seeded.

G.

maritima.

*With. Arr. 268. E. Bot. 13.**Flowers* numerous, purplish, or whitish.*Sea Milkwort. Black Saltwort.*

Salt marshes.

July. Pen. Mo.

THE'SIUM. *Cal.* 1 leaf, on which  
stamens grow: *Seed* 1 beneath.T. Spike branched: floral leaves  
by threes: leaves strap-spear-  
shaped: calyx tube very short.linophyl-  
lum.*With. Arr. 268. E. Bot. 247.*Dry heaths and hills in a calca-  
reous soil.

July. Pen. Mo.

HU'MULUS. Male and Fem. flow-  
ers on different plants: *Bloss.*  
none.Male. *Cal.* 5-leaved.Fem. *Cal.* 1-leaved, with a slant-  
ing opening, entire: *Seed* 1,  
within a leaf-like calyx.

H.

lupulus.

*With. Arr. 277.**Flowers* greenish yellow.*Common Hops. Hedges.*

Pen. Di.

XAN'THIUM. Male and Fem. flowers on the same plant.

Male. *Cal.* common, tiled : *Bloff.* 1 petal, funnel-shaped, 5-cleft : *Recept.* chaffy.

Fem. *Involucr.* 2-leaved, 2-flowered : *Bloff.* none : *Caps.* double, prickly, cloven : *Nut* 2-celled.

Strumárium X. Stem thornless : leaves heart-shaped : 3-fibred.

*With. Arr.* 283.

*Lesser Burdock. Burdock Clot-weed. Dunghills. Sept.*

BUPLEU'RUM. *Partial Involucr.* largest, of 5 leaves : *Petals* rolled inwards : *Fruit* egg-shaped, bulging, small, not crowned.

rotundifolium.

B. General involucre none : leaves perforated by the stem.

*With. Arr.* 285. *E. Bot.* 99.

*Flowers* yellowish.

Pen. Di.

*Common Thorough Wax. July.*

TORDYLIUM. *Bloff.* radiated, all the florets hermaphrodite : *Invo-*

*lucr.* long, undivided : *Seeds*  
round, compressed, flat, with a  
thick border.

- T. Umbels crowded, radiated : *maximum.*  
leaflets spear-shaped, cut, serrated,  
*Bloss.* white, red underneath.

*With. Arr.* 286.

*Hartwort.* Banks of fields. Pen. Di.

- T. Partial involucre as long as *officinale.*  
the flowers : leaflets egg-spear-  
shaped.

*With. Arr.* 286.

*Florets* tinged with purple.

*Small Hartwort.* Corn-fields. Pen. Di.

CAUCALIS. See Gen. Ch. p. 91.

- C. Umbels lateral, simple, mostly *nodosa.*  
fitting : seeds egg-shaped, outer  
ones set with bristles, inner ones  
rough.

*With. Arr.* 289. *E. Bot.* 199.

*Knotted Hen's-foot.* Borders of Pen. Di.  
corn-fields.

DAUCUS. *Bloss.* somewhat radi-  
ated (generally), all the florets

hermaphrodite: leaflets of the involucre divided: *Seeds* with membranaceous toothed ridges.

Caróta.

D. Angles of the seeds 4, distant, hispid: leaf-stalks fibrous underneath: umbel concave when in seed.

*With. Arr.* 289. *Woodv.* 161.

*Umbels* at first flat, or gently convex, but when in seed concave like a tea-cup.

*Birds'-nest. Common Wild Carrot.*

Pen. Di.

Hedge-fides.

Aug.

BU'NIUM. See Gen. Ch. p. 92.

Bulbocas-  
tanum.

B. Involucre of many leaves: stem with leaves at the base rising from the root: styles deciduous.

*With. Arr.* 291. *Curt.* 4.

Pen. Di.

*Earth Nut.*

HERACLEUM. *Involucr.* shedding: *Bloss.* irregular: *Petals* bent inwards, notched at the end: *Seeds* compressed, leaf-like, smooth,

encompassed by a narrow membranaceous border.

H. Leaflets wing-cleft, even: flowers radiated. *Sphondylium.*

*With. Arr. 295.*

*Flowers white.*

*Cow Parsnep. Madnep. Hedges, pastures. July. Pen. Di.*

CO'NIUM. *Involucellum* going half way round, of about 3 leaves: *Fruit* egg shaped, bulging, ribs compressed, waved before the fruit is ripe.

C. Seeds without prickles: stem greatly branched, smooth, spotted. *maculatum.*

*With. Arr. 292. Curt. 1.*

*Woodv. 22.*

*Flowers white.*

*Common Hemlock. Kex. July. Hedges, orchards, rubbish. Pen. Di.*

SELI'NUM. *Involucr.* reflected: *Petals* heart-shaped, equal: *Seeds* small, with 5 membranaceous ridges, the lateral ones the largest.



palus tre. S. Stem solitary: styles wide-spreading after flowering: petals rolled inwards.

*With. Arr.* 293. *E. Bot.* 229.

*Marsh Milk-weed. Wild Parsley.*

Pen. Di. Ditches. July.

PEUCEDANUM. *Involucrum* very short: *Fruit* elliptical, slightly ridged, compressed and bordered.

officinale. P. Leaves 5 times divided into 3: thread-strap-shaped.

*With. Arr.* 294.

*Common Sulphur-wort. Hogs' Fennel.* Salt marshes. July.

Pen. Di.

minus. P. Leaves winged: leaflets wing-cleft: segments strap-shaped, opposite: stem very much branched, spreading.

*Pimpinella. Dioica.* Which see.

Pen. Di. *With. Arr.* 294.

ANGÉLICA. *Bloss.* equal: *Petals* bent inwards: *Styles* reflected: *Fruit* roundish.

- A. Leaflets equal, egg-spear-shaped, *sylves'tris*.  
ferrated.

*With. Arr.* 298. *Woodv.* 265.

*Bloss.* white, tinged with red.

*Wild Angelica.* Marshy woods, *Pen. Di.*  
hedges. July.

- Sium. *Involucrum* many-leaved:  
*Petals* heart-shaped: *Styles* bent  
back: *Fruit* roundish.

- S. Stem creeping: leaflets roundish, *répens.*  
toothed, and angular.

*With. Arr.* 300.

*Creeping Water Parsnep.* July.

- Sis'ON. *Involucrum* about 4 leaves:  
*Fruit* egg-shaped, scored: *Styles*  
bent back.

- S. Creeping: leaves under water *inundatum.*  
hair-like, those above winged:  
umbels of 2 spokes.

*With. Arr.* 301. *E. Bot.* 227.

*Flowers* white.

*Least Water Parsnep.* *Water Stone-*  
*wort.* Ditches, pools.

OENANTHE. *Florets* of different shapes, those in the centre fitting, barren: *Fruit* with a cork-like coat, oblong, scored: crowned by the styles and the calyx, which are permanent.

crocata.

O. All the leaves many-cleft, blunt, nearly equal.

*With. Arr.* 302. *Woodv.* 267.

*Petals* white, acute, bent inwards.

*Dead Tongue. Hemlock Dropwort.*

Pen. Di.

Banks of rivers, ditches. July.

PHELLANDRIUM. Central florets smallest: *Fruit* egg-shaped, smooth, crowned with the pistil and the calyx.

aquaticum.

P. Ramifications of the leaves straddling.

*With. Arr.* 303. *Woodv.* 266.

*Petals* white.

*Water Hemlock, or Horsebane.*

Pen. Di.

Rivers, ditches, pools. July.

CORIAN'DRUM. *Bloss.* radiated:  
*Petals* bent inwards, notched at  
 the end: *Involucrum* 1 leaf: *Invo-*  
*lucellum* reaching half-way round:  
*Fruit* globular, smooth.

C. Fruit globular. *fativ'um,*  
*With. Arr.* 305. *Woodv.* 181.  
*E. Bot.* 67.

*Flowers* whitish.

*Coriander.* Corn-fields, road- *Pen. Di.*  
 sides. July.

SCA'NDIX. See *Gen. Ch.* p. 93.

S. Seeds furrowed, angular. *odorata.*  
*With. Arr.* 306.

*Flowers* white.

*Sweet Cicely, or Shepherd's Needle.*

Orchards, waste places. *Pen. Di.*

S. Seeds with a very long beak: *Pec'ten.*  
*leaflets* with many fine divisions.

*With. Arr.* 307. *Curt.* 5.

*Petals* white.

*Common Shepherd's Needle. Crake*

*Needle. Venus Comb. Corn Pen. Di.*  
 fields. July.

IMPERATO'RIA. *Petals* bent inwards, notched at the end: *Seed* compressed, with a broad membranaceous border, and 3 ridges on the back.

*Ostrúthium*. I.

*With. Arr.* 308. *Woodv.* 35.

Pen. Di.

*Common Masterwort.* Banks of the Clyde.

PASTINA'CA. *Petals* rolled inwards, entire: *Seeds* elliptical, compressed, leaf-like, smooth: border thin, narrow.

*fatíva*.

P. Leaves simply winged.

*With. Arr.* 309.

*Common Wild Parsnep.* July.

Pen. Di.

Borders of fields, in limestone.

STAPHYLE'A. *Cal.* with 5 divisions: *Petals* 5: *Capsf.* inflated, united: *Seeds* 2, globular, marked with a scar, somewhat like a nut.

*pinnáta*.

S. Leaves simply winged.

*With. Arr.* 317.

*Blöff.* in whirls, white.

*Winged Bladder Nut Tree.*

Hedges near Pontefract.

Pen. Tri.

*CORRIGIO'LA.* Cal. 5-leaved, border membranaceous, white: *Petals* 5: *Nut* small, roundish, but 3-fided.

C. Leaves oblong: flowers in a terminating bundle. littoralis.

*With. Arr.* 318.

*Sand Strapwort.* Sands. Sept. Pen. Tri.

LINUM. See Gen. Ch. p. 96.

L. Calyx and capsules blunt: leaves spear-shaped, very entire. perenne.

*With. Arr.* 321. *E. Bot.* 40.*Bluff.* blue.*Perennial Flax.*

July.

Pastures in a calcareous soil. Pen. Pen.

L. Calyx segments tapering to a point: leaves scattered, strap-awl-shaped, rough when stroked downwards. tenuifolium.

*With. Arr.* 322. *E. Bot.* 381.

*Var. 2. Angustifolium.* See *E. Bot.* p. 381.

Pen. Pen. *Narrow-leaved Flax.* Dry meadows, pastures. July.

AL L I U M. See Gen. Ch. p. 98.

arenarium. A. Umbel sheath pointless: stamens 3-pointed: leaf-sheaths cylindrical.

*With. Arr.* 333.

*Bulbs and Blossoms* blue.

Hex. Mo. *Sand Garlick.* Mountains of Westmoreland.

carinatum. A. Umbel sheath very long: filaments awl-shaped.

*With. Arr.* 333.

*Bloss.* dull brown yellow, changing to purple.

Hex. Mo. *Mountain Garlick.* Rocks, meadows. July.

vineale. A. Filaments 3-pointed.

*With. Arr.* 333.

*Bloss.* small, violet.

Hex. Mo. *Crow Garlic.* Meadows.

Schæno-  
prasum. A. Leaves cylindrical, awl-thread-shaped, as long as the stalk.

*With. Arr.* 335.



*Chirved Garlick.* Meadows, pastures.

ORNITHOGALUM. See Gen. Ch.  
p. 42.

O. Bunch very long: filaments pyrenáicum.  
spear-shaped: fruit-stalks when  
in flower expanding, equal, but  
afterwards approaching the stalk.

*With. Arr.* 337.

*Petals* narrow, expanding, pale  
yellow.

*Spiked Bethlem Star.* Meadows, Hex. Mo.  
pastures.

ANTHERICUM. *Bloss.* 6 petals, ex-  
panding: *Caps.* oblong, superior,  
3-celled.

A. Leaves flattish above, convex scrotinum.  
underneath: stalk with 1 to 4  
flowers: upper floral leaves de-  
current, bent inwards.

*With. Arr.* 339.

*Mountain Saffron.*

Hex. Mo.

A. Leaves sword-shaped: filaments ossífragum.  
woolly.

O

*Narthecium ossifragum.* Which  
see.

Hex. Mo.

*With. Arr.* 339.

calyculá-  
tum.

A. Leaves sword-shaped: cup 3-  
lobed: filaments not woolly:  
flowers with 3 pistils.

Hex. Mo.

*Tofieldia palustris.* Which see.

*With. Arr.* 339.

TA'MUS. Flowers Male and Fem.  
on different plants. *Cal.* with 6  
divisions: *Bloss.* none.

Fem. *Style* 3-cleft: *Berry* 3-cel-  
led, beneath: *Seeds* 2.

communis.

T. Leaves heart-shaped; undi-  
vided.

*With. Arr.* 344. *E. Bot.* 91.

*Bloss.* greenish. *Berries* red.

*Bryony Lady-seal.* *Black Bryony.*

Hex. Mo.

Thickets, hedges.

RU'MEX. See Gen. Ch. p. 101.

crispus.

R. Valves strongly veined: leaves  
spear-shaped, acute, waved and  
curled at the edge.

*With. Arr.* 353. *Curt.* 2.

# JUNE.

195

*Curled Dock.* Meadows, road- Hex. Tri.  
fides. July.

R. Valves veinless: leaves oval- azútus.  
spear - shaped, uneven at the  
edges.

*With. Arr. 354. Curt. 3.*

Woods, hedges. July. Hex. Tri.

R. Leaves oblong, arrow-shaped. Acetófa.

*With. Arr. 357. E. Bot. 127.*

*Woodv. 69.*

*Bloss.* reddish.

*Common Sorrel. Sorrel Dock.*

Meadows, pastures. Hex. Tri.

ALIS'MA. Cal. 3-leaved: *Petals* 3:

*Seeds* many.

A. Leaves heart-oblong: pistils 6: Damafó-  
capsules awl-shaped. nium.

*With. Arr. 361. Curt. 5.*

*Bloss.* white.

*Star-headed Thrumwort.* Aug. Hex. Poly.

A. Leaves strap - spear - shaped, ranuncu-  
on leaf-stalks: fruit globular, loides.  
scurfy.

*With. Arr. 362. E. Bot. 326.*

*Bloss.* bluish white.

*Lesser Thrumwort.*

Sept.

Hex. Poly.

Wet turfy bogs.

*lanceolata.*

A. Leaves spear-shaped: fruit 3-cornered.

*With. Arr.* 362.

Hex. Poly.

Ditches, shallow waters.

TRIENTA'LIS. *Cal.* 7 leaves: *Bloss.* with 7 divisions, equal, flat: *Berry* dry, superior, globular, 1-valved, 1-celled: *Seeds* flattened.

*europæa.*

T. Leaves spear-shaped: very entire.

*With. Arr.* 363. *E. Bot.* 15.

*Bloss.* white.

Hept. Mo.

*Chickweed Winter Green.* July.

EPILO'Bium. *Cal.* 4-leaved, deciduous: *Petals* 4: *Caps.* beneath, 4-celled, very long: *Seeds* many, downy at the top.

*angustifolium.*

E. Leaves scattered, strap-spear-shaped: blossoms irregular.

*With. Arr.* 366. *Curt.* 2.

*Bloss.* rose-coloured, or white.

*Rosebay Willow Herb.* Aug. Oct. Mo.

Watery places.

E. Leaves opposite, egg-shaped, *montanum*.  
toothed; the upper ones alternate:  
stem cylindrical.

*With. Arr.* 367. *Curt.* 3.

*Petals* pale purple, sometimes  
white.

*Smooth-leaved Willow Herb.*

Woods, hedge-rows. July. Oct. Mo.

CHLO'RA. *Cal.* 8-leaved: *Bloss.* 1  
petal, 6 or 8-cleft: *Caps.* 1-celled,  
2 valved, many-seeded.

C. Leaves perforated. *perfoliata*.

*With. Arr.* 369. *E. Bot.* 60.

*Bloss.* fine full yellow.

*Perforated Yellow-wort.*

Stiff clay marly grounds. Sept. Oct. Mo.

ERI'CA. *Cal.* 4-leaved: *Bloss.* 4-  
clefted: *Filaments* fixed to the  
receptacle: *Anthers* cloven and  
perforated at the top: *Caps.* 4-  
celled, 4-valved, many-seeded.

- Daboécia. E. Leaves cottony underneath.  
*With. Arr. 372. E. Bot. 35.*  
*Bloss.* purplish red.  
*Irish Wort, or Moorwort.* July.
- Oct. Mo. Spongy, wet, uncultivated  
land.
- vágans. E. Anthers and style projecting :  
blossoms bell-shaped : fruit-stalks  
with 1 flower.  
*With. Arr. 373. E. Bot. 3.*
- Oct. Mo. *Bloss.* dark purple, or rose red.  
Aug.  
*Cornish Heath.* Low ground.
- vulgáris. E. Leaves arrow-shaped.  
*With. Arr. 374. Curt. 5.*  
*Bloss.* pale rose colour, or white.
- Oct. Mo. *Common Heath.* *Ling.* Heaths,  
woods. Aug.
- cinérea. E. Leaves spear-shaped, entire,  
smooth : flowers in umbels, egg-  
shaped : cups finely serrated :  
branches woolly.  
*With. Arr. 374. Curt. 2.*

*Bloss.* bluish purple.

*Fine-leaved Heath.* Dry heaths, Oâ. Mo.  
groves. Aug.

A' CER. See Gen. Ch. p. 44.

A. Leaves 5-lobed, very entire: campêstre.  
the lower lobes notched: corym-  
bus with 3 divisions, upright.

*With. Arr.* 369. *E. Bot.* 304.

*Bloss.* terminating, pale green.

*Common Maple.* Hedges, thickets. Oâ. Mo.

POLY' GONUM. See Gen. Ch. p. 45.

P. Style cloven: spike egg-shaped. amphib'ium

*With. Arr.* 379.

*Flowers* red. July.

*Perennial Willow-leaved Arsmart.*

*Var. 2. terrestre.* Curt. 4.

Leaves darker green.

*Amphibious Snakeweed.* Sept.

Pools, lakes, marshes, ditches. Oâ. Tet.

P. Leaves spear-shaped: spike ter- viviparum.  
minating.

*With. Arr.* 383.

*Bloss.* whitish.



O&f. Tri. *Small Bistort. Viviparous Snake-weed.* Mountains, pastures.

Convol'vus. P. Leaves heart - shaped : stem twining, angular : flowers blunted.

*With. Arr.* 385. *Curt.* 4.

*Bluff.* greenish white.

O&f. Tri. *Black Bindweed. Climbing Snake-weed.* Corn-fields, gardens, hedges. Sept.

RHODIO'LA. Male and Fem. flowers on different plants. *Cal.* with 4 divisions.

Male. *Bluff.* 4 petals.

Fem. *Bluff.* none : *Nectaries* 4 : *Caps.* 4, many-seeded.

rosea. R.

*With. Arr.* 389.

*Bluff.* terminating, yellow.

O&f. Tet. *Yellow Rosewort.* Mountains.

July.

MYRIOPHYL'LUM. See Gen. Ch. p. 102.

M. Flowers in leafy whirls. verticillá-  
tum.  
*With. Arr. 390. E. Bot. 218.*

Flowers greenish.

*Whirled Milfoil.* Ditches, stag- Oct. Tet.  
nant waters. July.

BUTOMUS. *Involucrum* simple, of  
3 leaves: *Petals* 6: *Capf.* 6, many-  
seeded: *Seeds* fixed to the sides of  
the capsules.

B. umbellátus.  
*With. Arr. 393. Curt. 1.*

*Bloss.* purple and white.

*Flowering Rush. Water Gladiol.*

Slow streams, muddy ditches.

Blo-Norton, Norfolk. Enne. Hex.

HYDROCHARIS. Male and Female  
flowers on different plants: *Cal.*  
3-cleft: *Bloss.* 3 petals.

Male. *Sheath* 2-leaved: *Filaments*,  
the 3 inner ones style-bearing.

Fem. *Capf.* 6-celled, many-seed-  
ed, beneath.

H. Morfus-  
*With. Arr. 394. Curt. 3. Ránæ.*

*Bloff.* white.

*Common Frogbit.* Slow streams, ditches.

*Var. 2.* Blossoms doubled, sweet-scented.

Enne. Hex.

Ditch on the side of Audry Causey, Isle of Ely.

MONOTROPA. *Cal.* none: *Petals* 10, the five outer ones hollowed at the base to contain honey: *Caps.* 5-valved. (These are the numbers of the terminating flower.)

Hypop'ithys M. Lateral flowers with 8, the terminating flowers with 10 stamens.

*With. Arr.* 398. *E. Bot.* 69.

Whole plant sweet, pale yellow.

*Primrose-scented Birds'-nest.*

Dec. Mo.

Woods, on the roots of other plants. July.

ANDROMEDA. *Cal.* with 5 divisions: *Bloff.* more or less egg-shaped, mouth 5-cleft: *Caps.* 5-celled: *Seeds* few.

- A. Umbel of few flowers, termi- polifolia.  
nating: blossoms egg-shaped,  
nodding: leaves alternate, strap-  
-spear-shaped, edges rolled back.

*With. Arr.* 398.

*Bloss.* tinged with red.

*Marsh Cistus. Wild Rosemary.*

Turf bogs.

Dec. Mo.

- PYROLA. Cal. with 5 divisions:

*Petals* 5: *Capf.* 5-celled, open-  
ing at the angles: *Seeds* numerous,  
coated.

- P. Stamens ascending: pistils lean- rotundifolia.  
ing downwards.

*With. Arr.* 400. *E. Bot.* 213.

*Bloss.* white.

*Common Winter-green.* July.

Woods, groves, in the North. Dec. Mo.

- P. Flowers in a bunch, scattered: minor.  
stamens ascending, pistils straight.

*With. Arr.* 401. *E. Bot.* 158.

*Bloss.* pale pink, or white.

*Lesser Winter-green.* Woods in Dec. Mo.  
the North. July.

secunda. P. Flowers in a bunch, from one side.

*With. Arr.* 401.

*Bluff.* white.

Dec. Mo. *Serrated Winter-green.* Woods in the North.

SAXIFRAGA. See Gen. Ch. p. 46.

stellaris. S. Leaves serrated, oblong, inversely egg-shaped: stem naked, branched: petals spear-shaped, 2 dots upon each.

*With. Arr.* 402. *E. Bot.* 167.

*Petals* white.

*Hairy Kidney-wort, or Saxifrage.*

Dec. Di. Moist rocks. July.

umbrösa. S. Leaves egg-shaped, scolloped, and gristly at the edge, rather dented at the end: stem leafless: flowers in a panicle.

*With. Arr.* 403.

*Bluff.* whitish, with elegant crimson dots.

*London Pride. None-so-pretty.*

Dec. Di. Mountains.

**DIANTHUS.** *Cal.* cylindrical, of 1 leaf, with from 2 to 8 scales at the base: *Petals* 5, with claws: *Capsf.* cylindrical, 1-celled.

D. Flowers in bundles: scales of the calyx egg-awl-shaped, as long as the tube: leaves spear-shaped. *barbatus.*

*With. Arr.* 409.

*Sweet Williams.* Gardens.

Dec. Di.

D. Scales of the calyx almost rhomboidal, very short: petals irregularly toothed. *Caryophyllus.*

*With. Arr.* 410. *E. Bot.* 214.

*Woodv.* 80.

*Petals* pale flesh colour.

*Common Pinks.* Old walls. July. Dec. Di.

**CUCU'BALUS.** *Calyx* inflated: *Petals* 5, with claws, not crowned at the mouth: *Capsf.* 3-celled.

C. Calyx bell-shaped: petals distant: seed-vessels coloured: branches straddling. *bacciferus.*

*With. Arr.* 411.

*Flowers* white. *Berries* black.

Dec. Tri. *Berry-bearing Chickweed.* Hedges  
in Anglesea. July.

Béhen. C. Calyx nearly globular, smooth,  
with a net-work of veins: leaves  
egg - spear - shaped, glaucous,  
smooth.

*With. Arr.* 412. *E. Bot.* 164.

*Flowers* white.

*Spatling Poppy. White Bottle.*

Dec. Tri. Corn-fields, dry meadows. Aug.

SILE'NE. See Gen. Ch. p. 48.

an'gica. S. Hairy: flowers upright, alter-  
nate, on fruit-stalks: lower ones  
bent back after flowering.

*With. Arr.* 413. *Curt.* 4.

*Petals* white, sometimes with  
reddish spots.

Dec. Tri. *English Catchfly.* Corn-fields.  
July.

quinque-  
vul' nera. S. Petals very entire, roundish:  
fruit upright, alternate.

*With. Arr.* 413. *E. Bot.* 86.

Dec. Tri. *Variegated Catchfly.* Sandy corn-  
fields.



- S. Petals cloven: calyx ribbed: nūtans.  
flowers lateral, pointing one way,  
bowed downwards: panicle droop-  
ing.

*With. Arr.* 413.

*Nottingham Catchfly.* Mountain- Dec. Tri.  
ous meadows. July.

- S. Petals cloven: calyx of the cónica.  
fruit conical, with 30 scores:  
leaves soft.

*With. Arr.* 416.

*Flowers* fine red.

Sandy corn-fields. July. Dec. Tri.

STELLA'RIA. See Gen. Ch. p. 23.

- S. Lower leaves heart-shaped, on némorum.  
leaf-stalks: panicle with forked  
fruit-stalks.

*With. Arr.* 417. *E. Bot.* 92.

*Flowers* white.

*Broad-leaved Stichwort.* Woods, Dec. Tri.  
moist hedges, river banks.

- S. Leaves spear-strap-shaped, very gláuca.  
entire, glaucous green, in cross

pairs: petals half as large again  
as the calyx.

*With. Arr.* 420.

*Flowers white.*

*Glaucous-leaved Stichwort.*

Dec. Tri.

Ditch-banks.

July.

uliginósa.

S. Leaves spear-shaped, very entire: stem trailing: panicles lateral.

*With. Arr.* 420. *Curt.* 6.

*Petals white.*

Dec. Tri.

*Pog Stichwort.* Sides of springs, boggy meadows.

ceraifóides.

S. Leaves oblong: fruit - stalks mostly 2-flowered.

*With. Arr.* 421.

*Petals white.*

Dec. Tri.

Scotland.

ARENÁRIA. See Gen. Ch. p. 104.

peplóides.

A. Leaves egg-shaped, acute, fleshy.

*With. Arr.* 421. *E. Bot.* 189.

*Flowers white.*

July.

Dec. Tri.

*Sea Sandwort.* Sea shore.

- A. Leaves thread-shaped, opposite, *rúbra*.  
 but half the length of the joints  
 of the stem : stem prostrate : calyx  
 as long as the capsule.

*With. Arr. 422.*

*Petals purple.*

*Purple Spurrey, or Sandwort.*

Sandy Meadows. Aug. Dec. Tri.

- A. Leaves strap-awl-shaped, 6 in *média*.  
 a whirl : stem upright : capsules  
 twice the length of the calyx.

*With. Arr. 422.*

*Flowers white.*

Pastures on the sea coast. Sept. Dec. Tri.

- A. Leaves awl-shaped : stem pa- *tenuifolia*.  
 nicled : capsules upright : petals  
 shorter than the calyx, spear-  
 shaped.

*With. Arr. 423. E. Bot. 219.*

*Flowers white.*

*Fine-leaved Sandwort.* Sandy  
 meadows. July. Dec. Tri.

- A. Leaves awl-shaped, stiff and *juniperina*.

sharp : stems upright : cups scored : capsules oblong.

*With. Arr. 424.*

Dec. Tri.

*Petals white.*

COTYLÉDON. *Cal. 4 or 5-cleft :  
Bloss. 1 petal : Nectariferous Scales  
5, at the base of the germens :  
Caps. 5.*

Umbilicus.

C. Leaves target or kidney-shaped, scolloped : stem nearly simple : flowers pendent : floral leaves entire.

*With. Arr. 425. E Bot. 325.*

*Bloss. greenish yellow.*

*Common Navelwort. Kidney-  
wort. Old walls, moist rocks.*

O&.

lútea.

C. Leaves target-shaped, scolloped : stem nearly simple : flowers upright : floral leaves toothed.

*With. Arr. 426.*

Dec. Pen.

*Yellow Navelwort. Walls, moist  
rocks.*

SE'DUM. See Gen. Ch. p. 106.

- S. Hairy and viscid: leaves flattened, both them and the leaf-stalks hairy: stem upright, somewhat branched at the base. villósum.

*With. Arr. 426.*

*Flowers flesh-coloured.*

*Marsh Stonecrop.*

July. Dec. Pen.

- S. Leaves oblong, blunt, nearly cylindrical, fitting, expanding: tuft branching. al'bum.

*With. Arr. 427. Curt. 1.*

*White-flowered Stonecrop. Walls, roofs.*

- S. Leaves nearly egg-shaped, growing to and fitting, bulging, nearly upright, alternate: tuft with 3 divisions. ácre.

*With. Arr. 427. Curt. 1.*

*Woodv. 231.*

*Flowers yellow.*

*Pepper Stonecrop. Wall Pepper.*

Walls, roofs, rocks. July. Dec. Pen.

- S. Leaves somewhat egg-shaped, growing to and fitting, bulging, hexanguláre.

ing, nearly upright, tiled in 6 rows.

*With. Arr. 428. Curt. 4.*

*Flowers yellow.*

Dec. Pen.

*Insipid Stonecrop.* Walls, roofs, dry pastures.

dasyphyl-  
lum.

S. Leaves opposite, egg-shaped, blunt, fleshy : stem weak : flowers scattered.

*With. Arr. 428. Curt. 3.*

*Flowers whitish.*

Dec. Pen.

*Thick-leaved Stonecrop.* July.  
Walls, roofs.

AGROSTEMMA. *Cal.* 1 leaf, like leather : *Petals* 5 with claws : border blunt, undivided : *Caps.* 1-celled.

Githágo.

A. Plant hairy : calyx as long as (or longer) than the blossom : petals entire, not crowned.

*With. Arr. 431. Curt. 3.*

*Flowers purplish red, or white.*

Dec. Pen.

*Corn Cockle.* Corn-fields. July.

LYCHNIS. See Gen. Ch. p. 106.

- L. Stamens and pistils in distinct plants: blossoms white: capsules conical. *vespertina.*

*With. Arr. 431.*

*Bloff.* white: *Capsules* conical.

*Wild White Campion.* Pastures, Dec. Pen.  
hedges. Aug.

- L. Petals 3 or 4 cleft: fruit roundish, of 1 cell. *Flos-cúculi.*

*With. Arr. 432. Curt. 1.*

*Bloff.* pink, red, sometimes white.

*Meadow Pinks. Ragged Robin.*

*Var. 2.* double flowered.

*Pleasant in Sight.* Moist meadows, pastures. Dec. Pen.

CERASTIUM. See Gen. Ch. p. 12.

- C. Leaves oblong egg-shaped, *latifolium.*  
blunt, hairy: branches annual,  
flaccid, 1 or 2 flowered: capsule  
oval below, cylindrical, and  
slightly bent upwards; 10-cleft.

*With. Arr. 434. Dec. Pen.*

- C. Leaves oblong, cottony: fruit- *tomentosum*



stalks branched: capsules globular.

*With. Arr.* 435.

*Petals* white.

Dec. Pen.

*Woolly Mouse-ear.* Ripton Wood.

SPERGULA. *Cal.* 5 leaves: *Petals* 5, entire: *Caps.* egg-shaped, of 1 cell and 5 valves.

subulata.

S. Leaves in whirls, hairy at the edge, rather pointing one way: stems thread-shaped, flowers solitary.

*With. Arr.* 436. *Curt.* 4.

Dec. Pen.

*Spurry.*

Aug.

Dry pastures, in gravelly soil.

AGRIMONIA. *Cal.* 5-toothed, surrounded by another: *Petals* 5: *Seeds* 2, in a capsule at the bottom of the calyx, which becomes indurated.

Eupatoria.

A. Stem-leaves winged: the odd leaflet on a leaf-stalk: fruit hispid.

*With. Arr.* 443. *Curt.* 5.

*Woolv.* 258.

*Flowers* fine yellow.

*Common Agrimony.* Shady places, Dode. Di.  
hedges. July.

RESEDA. *Cal.* 1 leaf, divided: *Petals* jagged: *Caps.* 1-celled, many-seeded, opening at the top.

R. Leaves spear-shaped, entire, Lutéola.  
with a tooth on each side the  
base: calyx 4-cleft.

*With. Arr.* 445. *E. Bot.* 320.

*Flowers* yellow.

*Wild Woad. Dyer's Weed.* Mea- Dode. Tri.  
dows, pastures, walls. July.

R. All the leaves 3-cleft: the lútea.  
lower winged.

*With. Arr.* 446. *E. Bot.* 321.

*Flowers* pale yellow.

*Rocket Yellow-weed.* Aug.

Meadows; chiefly in a calcareous soil. Dode. Tri.

EUPHORBIA. See Gen. Ch. p. 109.

E. Umbel with 5 spokes; spokes platyphyl-  
with 3 divisions, and these fork-  
los.

ed: involucellums hairy along the keel: leaves ferrated, spear-shaped: capsfules warty.

*With. Arr.* 449.

Whole plant yellowish green.

*Long-leaved Corn Spurge.* Corn-fields. July.

Dode. Tri.

Charácias.

E. Umbel with many spokes; spokes forked: involucellums perforated, notched at the end: leaves very entire: stem shrub-like.

*Petals* dark purple.

*With. Arr.* 451.

Dode. Tri.

*Red Spurge.* Woods, hedges.

SPIRÆA. *Cal.* 5-cleft: *Petals* 5: *Capsf.* 4 or more, 2-celled, 2-valved, many-seeded.

Filipendula. S. Leaves interruptedly winged: leaflets strap-spear-shaped, irregularly ferrated, very smooth: flowers in tufts.

*With. Arr.* 463. *E. Bot.* 284.

*Dropwort. Meadowsweet.*

Mountainous meadows in a calcareous soil. July.

Ico. Pen.

- S. Leaves interruptedly winged: Ulmária.  
leaflets egg-shaped, doubly serrated, hoary underneath: flowers in tufts.

*With. Arr. 464. Curt. 5.*

*Flowers yellowish white.*

*Common Meadowsweet. July.*

*Moist meadows, river-banks. Ico. Pen.*

- RO'SA. *Petals 5: Cal. urn-shaped, 5-cleft, fleshy, contracted at the neck, so as to form at length a coloured berry of 1 cell, opening at the top: Seeds many, hispid, dispersed in the pulp.*

- R. Germens and fruit-stalks smooth: spinosis fima  
stem and leaf-stalks fully set with straight prickles: leaflets circular, smooth..

*With. Arr. 465. E. Bot. 187.*

*Bloss. white, cream-colour, or red.*

*Burnet Rose. Pimpernel Rose.*

*Heaths, sandy places. July. Ico. Poly.*

- R. Germens and fruit-stalks hispid: villósa.  
stem with scattered prickles:

leaf-stalks prickly : leaves cottony.

*With. Arr.* 466.

*Apple Rose.* Mountainous hedges.

*Var. 2. Wild Briar, or Dog Rose,*  
with large prickly hedges.

Ico. Poly.

Hedges near London.

rubiginósa.

R. Germens and fruit-stalks prickly  
at the base : prickles on the stem  
bent back : leaves rusted underneath.

*With. Arr.* 466.

*Sweet Briar Rose. Eglanteria.*

Ico. Poly.

Hedges, heaths. July.

canina.

R. Germens and fruit-stalks smooth :  
stem and leaf-stalks prickly.

*With. Arr.* 467. *Curt.* 5.

*Woodv.* 139.

*Petals* red, sometimes nearly  
white.

*Dog's Rose. Hep Tree. Wild*

Ico. Poly.

*Briar.* Hedges, woods.

RÚBUS. See Gen. Ch. p. 112.

cæsius.

R. Leaves 3 together, almost bare :  
lateral leaves 2-lobed : stem

prickly, cylindrical : panicle few-flowered.

*With. Arr.* 468.

*Bluff.* white. *Fruit* bluish black.

*Dewberry Bush*, or *Bramble*.

Woods, hedges.

July. Ico. Poly.

- R. Leaves winged, with 3 or 5 fruticófus.  
leaflets: stem and leaf-stalks prickly : panicle oblong.

*With. Arr.* 469.

*Bramble. Blackberry Bush.*

Hedges.

Sept. Ico. Poly.

- R. Leaves 3 together, naked : faxatilis.  
shoots creeping, herbaceous :  
lower leaves sometimes 5 together.

*With. Arr.* 470.

*Bluff.* purple, or white.

*Stone Bramble.* On the sides of Ico. Poly.  
stony mountains.

POTENTILLA. See Gen. Ch. p. 51.

- P. Leaves winged : stem shrub-like. fruticósa.

*With. Arr.* 472. *E. Bot.* 88.

- Bluff.* yellow.  
*Shrubby Cinquefoil.* South banks  
 Ico. Poly. of the Tees.
- Anserina.* P. Leaves winged, serrated: stem  
 creeping: fruit - stalks with 1  
 flower.  
*With. Arr.* 473. *Curt.* 3.  
 Leaves silvery white underneath:  
*Bluff.* yellow.  
*Silver Weed.* *Wild Tansey.*  
 Ico. Poly. Road-sides. July.
- argentea.* P. Leaflets 5 together, wedge-  
 shaped, snipt, cottony under-  
 neath: stem upright.  
*With. Arr.* 474. *E. Bot.* 89.  
*Petals* small, yellow.  
*Silvery, or Hoary Cinquefoil.*  
 Ico. Poly. Meadows in a gravelly soil.  
 Sept.
- rep'tans.* P. Leaflets 5 together: stem creep-  
 ing: fruit-stalks 1-flowered.  
*With. Arr.* 474. *Curt.* 1.  
*Woodv.* 59.
- Ico. Poly. *Common Cinquefoil.* Meadows,  
 road-sides. Sept.



P. Root-leaves 5-together, serrated, *aúrea*.  
pointed : stem-leaves 3 together :  
stem declining.

*With. Arr.* 475. July. Ico. Poly.

Pastures near Pontefract.

TORMENTIL'LA. See Gen. Ch.  
p. 113.

T. Stem somewhat ascending : *officinális*.  
leaves sitting.

*With. Arr.* 476. *Curt.* 5.

*Woodv.* 9.

*Septfoil. Tormentil.* Moors, pastures. Ico. Poly.  
Sept.

GE'UM. See Gen. Ch. p. 114.

G. Flowers nodding : fruit oblong : *rivále*.  
awns feathered, twisted : petals  
blunt, roundish, wedge-shaped :  
leaves winged.

*With. Arr.* 478. *E. Bot.* 106.

*Bloss.* streaked deadish red.

*Water Avena, or Bennet.* Sides of  
rivers, mountains. July. Ico. Poly.

COMARUM. *Cal.* 10-cleft; permanent : segments alternately small-

ler: *Petals* 5: *Seeds* naked, smooth:  
*Recept.* globular, fleshy, woolly,  
 permanent.

palus'tre.

C. Leaves winged: petals smaller  
 than the calyx.

*With. Arr.* 479. *E. Bot.* 172.

*Marsh Cinquefoil. Purple Marsh-*  
*locks.* Muddy putrid marshes.

Ico. Poly.

July.

PAPA'VER. *Bloss.* 4 petals: *Cal.* 2  
 leaves: *Summit* target-shaped, ra-  
 diated, scolloped: *Caps.* (often)  
 many-celled, opening with holes  
 underneath the permanent sum-  
 mit.

hy'bridum.

P. Capsule nearly globular, knob-  
 by, bristly; stem leafy, many-  
 flowered.

*With. Arr.* 485. *E. Bot.* 43.

*Petals* small, dirty scarlet.

*Round Rough-headed Poppy.* Corn-  
 fields. Norfolk. July.

Poly. Mo.

Argemone.

P. Capsule club-shaped, bristly:  
 stem leafy, many-flowered.

*With. Arr.* 486. *Curt.* 5.

*Rough-podded Poppy.* Corn- Poly. Mo.  
fields. July.

- P. Capsules nearly cylindrical, *maritimum*,  
bristly: stem supporting a single  
flower.

*With. Arr. 486. July. Poly. Mo.*

- P. Capsules smooth, urn-shaped: *Rhæas*.  
stem hairy, many-flowered:  
leaves wing-cleft, jagged.

*With. Arr. 486. Curt. 3.*

*Woodv. 186.*

*Bluff.* bright scarlet.

*Corn, or Red Poppy.* Among  
corn. Aug. Poly. Mo.

- P. Capsules oblong, smooth: stem *dubium*.  
many-flowered: fruit-stalks with  
bristles laid to: leaves wing-cleft,  
snipt.

*With. Arr. 487. Curt. 5.*

*Smooth-podded Poppy.* July. Poly. Mo.  
Corn-fields in sandy land.

- P. Calyx and capsules smooth: *somniferum*.  
leaves embracing the stem, jag-  
ged.

*With. Arr. 487. Woodv. 185.*

Poly. Mo. *Wild, or White Poppy.* Uncultivated gardens. July.

cambricum. P. Capsules smooth, oblong: stem many-flowered, smooth: leaves winged, jagged.  
*With. Arr.* 488. *E. Bot.* 66.

Poly. Mo. *Yellow Poppy.* Mountains in Wales, and about Kendal.  
Aug.

CISTUS. See Gen. Ch. p. 116.

guttatus. C. Leaves opposite, spear-shaped, 3-fibred: bunches without floral leaves.  
*With. Arr.* 491.

*Flowers* pale yellow.

Poly. Mo. *Annual Cistus.* Sandy pastures, near Holyhead.

calicifolius. C. Spreading, woolly: flowers in bunches, upright: pedicles horizontal.  
*With. Arr.* 491.

*Petals* yellow.

Poly. Mo. *Willow-leaved Cistus.* Sandy meadows. July.

DELPHINIUM. *Cal.* none: *Petals*  
5 or 6: *Nectary* cloven, horn-  
shaped behind: *Caps.* leguminous,  
many-seeded.

D. Capsule single: nectary of 1 *Consolida.*  
leaf: stem sub-divided.

*With. Arr.* 494.

*Flowers* blue.

*Wild Larkspur.* Corn-fields in  
Norfolk. Sept. Poly. Tri.

STRATIOTES. *Sheath* 2 leaves: *Cup*  
3-cleft, or 3 leaves: *Petals* 3:  
*Berry* 6-celled; 6-cornered, be-  
neath.

S. Leaves triangular-sword-shaped: *Aloides.*  
edge fringed with prickles.

*With. Arr.* 496. *E. Bot.* 379.

*Petals* egg-shaped, white.

*Water Aloes. Fresh-water Soldier.*

Slow streams, fen ditches. July. Poly. Hex.

ZOSTERA. *Spike-stalk* strap-shaped,  
concealed within a grass-like leaf,  
bearing the fructifications on one  
side: *Cal.* none: *Bluff.* none:

*Stam.* alternate : *Capf.* alternate :  
*Seeds* solitary.

marína. Z. Seed-vessels fitting.  
*With. Arr.* 496.

Poly. Poly. *Sea Grass-wrack.* Sea shore.  
 Aug.

oceánica. Z. Seed-vessels on pedicles, olive-  
 shaped.  
*With. Arr.* 497.

Poly. Poly. Shores of the Isle of Mersey. Aug.

THALICTRUM. *Cal.* none : *Petals*  
 4 or 5 : *Capf.* many, rather  
 beaked.

alpinum. T. Stem unbranched, almost naked :  
 bunch simple, terminating.  
*With. Arr.* 500. *E. Bot.* 62.

*Bluff.* brown.

Poly. Poly. *Mountain Rue - weed.* Moist  
 rocks.

flavum. T. Stem furrowed, leafy : leaflets  
 acute, 3-cleft : panicle much  
 branched, upright, compact :  
 flowers upright.  
*With. Arr.* 501. *E. Bot.* 367.

*Flowers* yellowish white.

*Meadow Rue-weed.* Moist meadows, river banks. Poly. Poly.

ADONIS. See Gen. Ch. p. 118.

A: Petals about 8: fruit egg-cylindrical. autumnalis.

*With. Arr.* 503. *Curt.* 2.

*E. Bot.* 308.

*Petals* dark scarlet.

*Adonis Flower.* Red Morocco.

Corn-fields. July. Poly. Poly.

RANUNCULUS. See Gen. Ch. p. 7.

R. Leaves egg-spear-shaped, on leaf-stalks: stem declining. Flamula.

*With. Arr.* 504. *Curt.* 6.

*E. Bot.* 387.

*Flowers* yellow.

*Lesser Spearwort.* Bogs. Sept. Poly. Poly.

R. Leaves long, spear-shaped: stem upright. Lingua.

*With. Arr.* 504. *E. Bot.* 100.

*Bluff.* large, deep yellow.

*Great Spearwort, or Crowfoot.*

Wet pastures, sides of lakes. Poly. Poly.

Q 2 July.



acris.

R. Calyx expanding: fruit-stalks cylindrical: leaves with 3 divisions, and many clefts, the uppermost strap-shaped.

*With. Arr.* 506. *Curt.* 1.

*Woodv.* 246. *Fl. Rust.* 30.

*Bloss.* yellow.

*Butter Flower. Butter Cups.*

Poly. Poly.

Meadows, pastures. July.

hederaceus.

R. Leaves roundish, 3-lobed, very entire: stem creeping.

*With. Arr.* 507. *Curt.* 4.

*Petals* spear-shaped, white.

*Ivy-leaved Crowfoot.* Aug.

Poly. Poly.

On the mud of slow rivulets.

hirsutus.

R. Root fibrous: stem hairy: calyx pimples, hairy, taper-pointed, at length reflected.

*With. Arr.* 508. *Curt.* 2.

*Flowers* pale yellow.

Poly. Poly.

Moist clayey places. Sept.

arvensis.

R. Seeds prickly: upper leaves doubly compound, strap-shaped.

*With. Arr.* 509. *Curt.* 6.

*E. Bot.* 135. *Fl. Rust.* 56.

*Flowers* small, pale yellow.

Poly. Poly.

*Corn Crowfoot.* Corn-fields.

A'JUGA. See Gen. Ch. p. 54.

A. Leaves downy, streaked, tooth-  
ed: floral leaves mostly 3-lobed:  
calyxes rough with hair: middle  
stem-leaves the largest: root-  
leaves smaller, tapering into leaf  
stalks.

geneven' sit.

*With. Arr.* 516.

Mountains in Wales.

July. Didy. Gym.

A. Plant woolly, forming a 4-  
fided pyramid: leaves oblong,  
toothed: root-leaves largest.

pyramidális.

*With. Arr.* 516.

Scotland.

Didy. Gym.

VERBENA. *Bloss.* funnel-shaped,  
segments nearly equal: *Cal.* one  
of its teeth lopped: seeds 2 or 4;  
naked.

V. Spikes thread-shaped, panicled:  
leaves with many jagged clefts:  
stem solitary.

officinális.

Didy. Gym. *Vervain. Simpler's Joy.* Waste  
places, stone walls. Sept.  
*With. Arr. 520. Curt. 1.*  
*Woodv. 218.*

GALEO'PSIS. *Bloff.* upper lip vault-  
ed, somewhat scolloped: lower  
lip 3-cleft: mouth with a con-  
cave taper-pointed tooth on each  
side.

Ládanum. G. All the whirls remote: calyxes  
bell-shaped, pubescent: teeth  
longer, strap-bristle-shaped, di-  
verging.  
*With. Arr. 528.*

*Flowers red. Allheal.* Sept.

Didy. Gym. Corn-fields in calcareous soil.

TEU'CRUM. Upper lip upright,  
deeply divided, even below the  
base: stamens in the division.

Chamæ-  
drys. T. Leaves wedge-egg-shaped, cut,  
scolloped, on leaf-stalks: flowers  
3 together: stems somewhat  
hairy.  
*With. Arr. 518. Woodv. 243.*

*Bloss.* reddish purple.

*Common Germander.* Borders of Didy. Gym.  
corn-fields. July.

STA'CHYS. *Bloss.* upper lip vaulted :  
lower lip bent back at the sides,  
the larger middle segment notch-  
ed : stamens after shedding the  
pollen bent to the sides.

S. Six flowers in a whirl : leaves *sylvatica*.  
heart-shaped, on leaf-stalks.

*With. Arr.* 531. *Curt.* 3.

*Bloss.* deep purple with white  
spots.

*Var.* 2. Leaves angular.

*Hedge Nettle Woundwort.* Aug.

Hedges, woods. Didy. Gym.

S. Six flowers in a whirl : leaves *arvensis*.  
blunt, almost naked : blossoms  
as long as the calyx : stem feeble.

*With. Arr.* 532. *Curt.* 4.

*Bloss.* whitish, or flesh-coloured.

Aug.

*Corn Woundwort.* Corn-fields. Didy. Gym.

germánica. S. Many flowers in a whirl : serratures of the leaves lapping over each other : stem cottony.

Didy. Gym. *With. Arr.* 532. July.

*Bloss.* purplish red.

*Base Horehound.* Hedges.

LEONURUS. *Anthems* sprinkled with shining particles.

Cardiaca. L. Stem-leaves spear-shaped, 3-lobed.

*With. Arr.* 534. *E. Bot.* 286.

Didy. Gym. *Common Motherwort.* Hedges, rubbish, dunghills. Aug.

THYMUS. *Cal.* 2-lipped : *Mouth* closed with soft hairs.

terpyllum. T. Flowers in heads : stems creeping : leaves flat, blunt, fringed at the base.

*With. Arr.* 536. *Curt.* 2.

*Woodw.* 110.

*Bloss.* purplish red. Aug.

Didy. Gym. *Mother of Thyme.* *Wild Thyme.* Heaths.

T. Flowers in whirls, 1 upon each A cinos.  
 fruit-stalk: stem upright, some-  
 what branched: leaves acute,  
 serrated.

*With. Arr. 537. Curt. 1.*

*Bloss.* purple.

*Wild Basil. Basil Thyme.* Dry Didy. Gym.  
 hills, in chalk and gravel.

Aug.

MELIS SA. *Cal.* dry, angular, the  
 upper lip expanding and reflected:  
*Bloss.* upper lip somewhat vault-  
 ed, cloven; lower lip, the mid-  
 dle segment heart-shaped.

M. Fruit-stalks axillary, forked, Calamin tha  
 as long as the leaves.

*With. Arr. 538.*

*Calamint. Baum.* Road sides,  
 corn-fields.

Aug. Didy. Gym.

MELIT TIS. *Cal.* wider than the  
 tube of the blossom: *Bloss.* upper  
 lip upright, entire: lower lip  
 3-cleft: *Anthers*, each pair form-  
 ing a cross.

Melisso-  
phylum. M.

*With. Arr. 539. Curt. 6.*

*Bastard Baum, or Baum-leaf.*

Didy. Gym.

Hedges, woods.

PRUNELLA. *Filaments* forked, one of the divisions bearing the anthers : *Summit* cloven.

vulgaris.

P. All the leaves egg-oblong, serrated, on leaf-stalks : upper lip of the calyx lopped, 3-toothed.

*With. Arr. 541. Curt. 4.*

*Fl. Rust. 137.*

*Bloss.* blue, purplish, or white.

Didy. Gym.

*Common Self-heal.* Meadows, pastures.

Aug.

RHINANTHUS. *Calyx* 4-cleft, inflated : *Capsule* 2-celled, blunt, compressed : *Seeds* few.

Crista-galli.

R. Upper lip of the blossom compressed, and shorter : calyx smooth.

*With. Arr. 542. Curt. 5.*

*Fl. Rust. 138.*

*Bloss.* yellow.

*Yellow Rattle. Penny Grass. Cox-*

Didy. Ang.

*comb.* Meadows, woods. July.



MELAMPY'RUM. *Cal.* 4-cleft: *Bloss.*  
upper lip compressed, edges bent  
back: *Caps.* 2-celled, compressed,  
flanting, opening on one side:  
*Seeds* solitary, bulging.

M. Spikes quadrangular: floral- *cristatum.*  
leaves heart-shaped, compact,  
finely toothed, tiled.

*With. Arr.* 544. *E. Bot.* 41.

*Bloss.* reddish.

*Crested Cow-wheat.* Woods. Didy. Ang.  
July.

M. Flowers lateral, pointing one *syriaticum.*  
way: leaves in distant pairs:  
blossoms widely gaping.

*With. Arr.* 546.

*Yellow Cow-wheat.* Aug. Didy. Ang.  
Woods, shady places.

PEDICULARIS. See Gen. Ch. p. 55.

P. Stem branched: calyx crested *alustris.*  
with callous dots: lip of the blos-  
som flanting.

*With. Arr.* 548.

Didy. Ang. *Bloss.* purple, or white. July.  
*Marsh Lousewort.* Marshes,  
 ditches.

ANTIRRHINUM. *Cal.* with 5 divisions: *Bloss.* either bulging at the base, or ending in a spur: *Caps.* 2-celled, many-seeded, opening at the top, and the divisions bent back.

Cymbalaria. A. Leaves heart-shaped, 5-lobed, alternate: stems trailing.

*With. Arr.* 549. *Curt.* 1.

*Bloss.* pale purple.

*Ivy-leaved Snapdragon.* Oct.

Didy. Ang. Old walls, adjoining the Thames.

minus. A. Leaves mostly alternate, spear-shaped, blunt: stem very much branched, spreading.

*With. Arr.* 551. *Curt.* 5.

Didy. Ang. *Least Snapdragon.* Gravelly corn-fields. Sept.

Peloria. A. *Var.* 4. *Bloss.* regular, with 5 equal stamens, and 5 nectaries.

*With. Arr.* 552. *Curt.* 6.

*E. Bot.* 260.

Didy. Ang. Sandy fields about Clapham. July.

A. Blossoms without a spur: flow- május.  
ers in spikes: cups rounded.

*With. Arr. 552. E. Bot. 129.*

*Bloss.* rose red, or white.

*Greater Snapdragon.* Old walls,  
chalk cliffs. July. Didy. Ang.

LINNÆA. *Cal.* double, that of the  
fruit 4-leaved, that of the flower  
with 5 divisions, superior: *Bloss.*  
bell-shaped: *Berry* dry, 3-celled.

L. Flowers in pairs. boreális.

*With. Arr. 556.*

In ancient dry rocky woods. Didy. Ang.

OROBAN'CHE. See Gen. Ch. p. 122.

O. Stem branched: blossoms 5- ramósa.  
cleft.

*With. Arr. 558. E. Bot. 184.*

*Branched Broomrape.* Corn-fields, Didy. Ang.  
dry pastures. Sept.

BU'NIAS. *Pouch*, or rather *Drupa*,  
4-sided, deciduous: angles un-  
equal, acute.

Cáikile.

B. Pouch egg-shaped, smooth, with  
2 edges and 2 joints.*With. Arr. 562. E. Bot. 231.**Flowers pale purple.*

Tetd. Silicu.

*Sea Rocket. Sea shore. O&.*

ISATIS. *Pouch, or Seed-vessel, simple, oval-spear-shaped, compressed, 1-celled, 1-seeded, crowned by the style.*

tinctoria.

I. Root-leaves scolloped: stem-leaves arrow-shaped: pouches oblong.

*With. Arr. 564. E. Bot. 97.**Fl. Rust, 41.*

Tetd. Silicu.

*Wild Woad. Corn-fields. July.*

VELLA. *Pouch globular; partition twice as large as the valves, and extending beyond them like the bit of a spoon.*

an'ua.

V. Leaves wing-cleft: pouches pendent.

*With. Arr. 564.**Bloss. pale yellow.**Cresse Rocket. Annual Rocket.*

Tetd. Silicu.

*Salisbury plain.*

**SUBULÁRIA.** *Pouch* entire, egg-shaped : valves egg shaped, concave, placed across the partition : *Style* shorter than the pouch.

S. Leaves awl-shaped. aquática.

*With. Arr.* 564.

*Bloss.* white.

*Water Awlwort.* Under water. Teta. Silicu  
July.

LEPIDÍUM. See Gen. Ch. p. 27.

L. Leaves egg-spear-shaped, entire, ferrated. latifolium.

*With. Arr.* 567. *E. Bot.* 182.

*Flowers* white.

*Dittander Pepperwort.* Meadows, Teta. Silicu.  
pastures. July.

L. Stem trailing, hairy : leaves didymum.  
with winged clefts : fruit double.

*With. Arr.* 567. *E. Bot.* 248.

*Flowers* white.

*Procumbent Dittander.* On rub- Teta. Silicu.  
bish. July.

L. Root-leaves tooth-winged : rudérale.  
branch-leaves strap-shaped, very

entire: petals sometimes wanting.

*With. Arr.* 568.

*Narrow-leaved Dittander.*

Tetd. Silicu. On rubbish. July.

THLASPI. See Gen. Ch. p. 26.

arvense. T. Pouches round and flat: leaves oblong, toothed, smooth.

*With. Arr.* 568. *Curt.* 6.

*Treacle Mustard. Penny Cress.*

Tetd. Silicu. Bloss. white. Corn-fields. July.

montanum. T. Pouches inversely-heart-shaped: leaves smooth: root-leaves battle-door shaped, very entire: stem-leaves embracing the stem: petals longer than the calyx.

*With. Arr.* 570.

*Flowers large, white.*

Tetd. Silicu. Pastures in Yorkshire. July.

COCHLEARIA. See Gen. Ch. p. 57.

Coronopus. C. Leaves wing-cleft: stem depressed:

*With. Arr.* 574. *Fl. Rust.* 92.

*Bloss.* white.

*Swine's Cress. Scurvy-grass.*

Corn-fields, rubbish. Aug. Tett. Silicu.

IBERIS. See Gen. Ch. p. 125.

I. Herbaceous: leaves spear-shaped amára.  
ed, acute, somewhat toothed:  
flowers in bunches.

*With. Arr.* 575. *E. Bot.* 52.

*Flowers* white.

*Bitter Candy-tuft.* Corn-fields. Tett. Silicu.

July.

SISYMBRIUM. See Gen. Ch. p.  
127.

S. Leaves winged: leaflets egg-shaped. Nastúrtium.

*With. Arr.* 580. *Curt.* 6.

*Woodv.* 48.

*Bloss.* white.

*Common Water-cresses.* Springs, Tett. Siliq.  
brooks. July.

S. Pods oblong-egg-shaped, or cylindrical: leaflets spear-shaped, serrated. sylvéstre.

*With. Arr.* 581. *Curt.* 3.



*Flowers small, yellow.*

Tetd. Siliq.      *Creeping Water-cress.*      Marshy,  
                                 watery places.      July.

amphib'ium      S. Pods oblong-egg-shaped: leaves  
                                 wing cleft, serrated: petals long-  
                                 er than the cup.  
                                 *With. Arr. 581.*

*Flower, the whole yellow.*

Tetd. Siliq.      *Water Radish.*      Watery places,  
                                 banks.      Aug.

terréstre.      S. Root annual: leaves wing-cleft:  
                                 pods full of seed: petals shorter  
                                 than the cup.  
                                 *With. Arr. 582. Curt. 5.*

*Petals yellow.*

Tetd. Siliq.      *Annual Water-cress.*      Edges of  
                                 wet ditches.      Sept.

CHEIRAN'THUS.      See Gen. Ch. p.  
                                 128.

finuatus.      C. Leaves cottony, blunt, some-  
                                 what indented: those of the  
                                 branches entire: pods prickly.  
                                 *With. Arr. 586.*

*Prickly-podded Gilliflower.* Sandy Tetd. Siliq.  
sea shores. July.

TURRITIS. See Gen. Ch. p. 130.

T. All the leaves hispid: stem- hirsuta,  
leaves embracing the stem.

*With. Arr. 589.*

*Bluff.* white.

*Wall-crefs. Hairy Towerwort.*

Rocks, stony places. Tetd. Siliq.

BRASSICA. See Gen. Ch. p. 131.

B. Leaves heart-shaped, embrac- orientalis.  
ing the stem, smooth: root-leaves  
rough, very entire: pods 4-cor-  
nered.

*With. Arr. 589.*

*Petals* white.

*Perfoliate Cabbage.* Cliffs on the Tetd. Siliq.  
sea coast.

B. Root and stem slender: stem- campestris.  
leaves uniform, heart-shaped, fit-  
ting.

*With. Arr. 590.* Tetd. Siliq.

*Flowers* yellow, or white.

SINAPIS. See Gen. Ch. p. 132.

nigra.

S. Pods smooth, laid flat to the spike-stalks.

*With. Arr.* 595. *Woodv.* 151.

*Fl. Rust.* 51.

*Bloss.* pale yellow.

Tetd. Siliq.

*Common Mustard.* Corn-fields, ditch-banks.

RAPHANUS. *Cal.* close, upright :  
*Nect.* glands 2 between the shorter  
stamens and the pistil, and 2 be-  
tween the longer stamens and the  
calyx : *Pod* round, but protube-  
rating, with cells, and nearly  
jointed.

Raphanis-  
trum.

R. Pods round, jointed, smooth,  
of 1 cell.

*With. Arr.* 596. *Curt.* 4.

*Fl. Rust.* 71.

*Bloss.* yellow, or white. July.

*White-flowered Charlock.* Wild

Tetd. Siliq.

*Radish.* Corn.

GERANIUM. See Gen. Ch. p. 59.

- G. Petals 2-lobed : leaves circular, pyrenáicum.  
lower ones with 5, upper with  
3 lobes : lobes blunt, 3-cleft.

*With. Arr.* 601. *Curt.* 3.

*Mountain Crane's-bill.* July.

Meadows, Thames bank, Batter- Mond. Dec.  
sea field.

- G. Stem upright : leaves 5-lobed, sylvaticum.  
cut-ferrated : petals entire, or  
only slightly notched.

*With. Arr.* 602. *E Bot.* 121.

*Petals* purple.

*Wood Crane's-bill.* Mountainous Mond. Dec.  
thickets. July.

- G. Fruit-stalks longer than the columbín-  
leaves : leaves 5-lobed, lobes  
many-cleft : calyx 5-fided : feed-  
coats smooth.

*With. Arr.* 603. *E. Bot.* 259.

*Long-stalked Crane's-bill.* Corn- Mond. Dec.  
fields, pastures, hedges. Aug.

- G. Leaves kidney-shaped, 7 or 5 malvæfo-  
lobed : lobes wedge-shaped, 3-  
cleft, bluntish : calyx awnless :  
seed-coat hairy.

*With. Arr.* 603. *Curt.* 6.

Hedges, waste places.

*Var. 1. pusillum.* Stem spreading: leaves kidney-shaped, fingered: lobes strap-shaped, acute.

Mond. Dec.

High ditch banks.

July.

*pratense.*

G. Leaf - stalks nearly central: leaves with many divisions, wrinkled: lobes with winged clefts, acute: petals entire.

*With. Arr. 606. Curt. 4.*

Mond. Dec.

*Crowfoot Crane's-bill.* Moistish meadows.

July.

*maritimum.*

G. Stem trailing: leaves heart-egg-shaped, scalloped, cut, rough: fruit-stalks 1 to 3-flowered: stamens 5.

*With. Arr. 606.*

Mond. Dec.

*Sea Crane's-bill.* Sea shores.

*lucidum.*

G. Calyx pyramidal, the angles raised and wrinkled: leaves roundish, 5-lobed.

*With. Arr. 607. E. Bot. 73.*

*Petals rose red.*

Mond. Dec.

*Shining Crane's-bill.* Walls, roofs, rocky places.

Aug.

MA'LVIA. *Cal.* double, the outer mostly of 3 leaves: *Caps.* 8, or more, in a whirl; 1 rarely 2-celled; 1 seed in each.

M. Stem prostrate: leaves heart-shaped, circular, plaited, 5 or 7-lobed: fruit-stalks when ripe declining. rotundifolia.

*With. Arr.* 612. *Curt.* 3.

*Bluff.* white, with purple veins.

*Dwarf Mallow.* Road-sides. Mond. Poly.  
Oct.

M. Stem rough: leaves 5 or 7-lobed, toothed: outer calyx leaf-its partly united at the base. sylvensis.

*With. Arr.* 613. *Curt.* 2.

*Woodv.* 54.

*Common Mallow.* Hedges, foot-paths. Mond. Poly.  
Aug.

M. Stem upright: root-leaves kidney-shaped, cut: stem-leaves with 5 divisions: segments between winged and many-cloven: leaflets of the outer cup distinct. moschata.

*With. Arr.* 613. *Curt.* 4.

*Flowers flesh-coloured.*

Mond. Poly.

*Musk Mallow.* Meadows, ditch-banks. Aug.

FUMARIA. See Gen. Ch. p. 60.

claviculata.

*F. Legumens* strap-shaped: leaves with tendrils.

*With. Arr.* 621. *E. Bot.* 103.

Diad. Hex.

*Climbing Fumitory.* Woods, moist hedges. Sept.

GENISTA. See Gen. Ch. p. 136.

tinctoria.

*G.* Branches scored, cylindrical, upright: leaves spear-shaped, smooth: legumen cylindrical.

*With. Arr.* 624. *E. Bot.* 44.

*Bloss.* yellow.

Diad. Dec.

*Dyer's Greenweed.* Pastures, corn-fields. Aug.

ONONIS. *Cal.* with 5 divisions: *Segments* strap-shaped: *Standard* scored: *Filaments* united without an opening: *Legumens* swollen, fitting, simple, of 1 cell.



O. Flowers in bunches, 2 together: arven'sis.  
 leaves 3-together, the upper ones  
 solitary: branches without thorns,  
 somewhat woolly.

*With. Arr.* 627.

*Hairy Rest Harrow.* Mostly in  
 light land.

*Var. 2.* Stems prostrate, clammy.

*Creeping Rest Harrow.* Sea shore, Diad. Dec.  
 in sandy soils. July.

LA'THYRUS. See Gen. Ch. p. 138.

L. Tendrils without leaves: sti- Aphaca  
 pulæ arrow-heart-shaped.

*With. Arr.* 632. *Curt.* 5.

Flowers yellow.

*Yellow Vetchling.* Sandy corn Diad. Dec.  
 fields. Sept.

VICIA. See Gen. Ch. p. 61.

V. Legumens fitting, bent back, lutea,  
 hairy, solitary: with 5 seeds:  
 standard smooth.

*With. Arr.* 639.

*Yellow Vetch.* Meadows. July. Diad. Dec.

hybrida.

V. Legumens sitting, bent back, hairy, with 5 seeds: standard woolly.

*With. Arr. 639.*

*Flowers* yellow, greyish above, hairy.

Diad. Dec.

*Bastard Vetch.* Meadows. Aug.

ER'VUM. *Cal.* with 5 divisions, as long as the blossom.

tetrasper'mum.

E. Fruit-stalks mostly 2-flowered: seeds 4, globular.

*With. Arr. 639. Curt. 1.*

*Flowers* small, violet, or blood-coloured.

Diad. Dec.

*Smooth-podded Tare.* Hedges.

hirsutum.

E. Fruit-stalks many-flowered: seeds 2, globular.

*With. Arr. 640. Curt. 1.*

*Flowers* 2 to 5, pale purple.

Diad. Dec.

*Wild Tare. Tine Tare.* Sandy corn-fields.

ASTRA'GALUS. *Caps.* generally 2-celled, bulging; the solitary filaments cylindrical.

- A. Stem prostrate: flowers in hypoglo'tia, roundish heads: legumens egg-shaped, compressed, hairy, grooved, the point reflected.

*With. Arr. 643. E. Bot. 274.*

*Purple Mountain Milkwort.*

Diad. Dec.

Chalk.

July.

- A. Stems prostrate: legumens glycyphyllos, nearly 3 cornered, bent like a bow: leaves longer than the fruit-stalks: leaflets oval.

*With. Arr. 643. E. Bot. 203*

*Flowers greenish yellow.*

*Wild Liquorice.* Meadows, ditch banks.

Diad. Dec.

July.

TRIPO'LIUM. See Gen. Ch. p. 140.

- T. Capsules 8-seeded, mostly 3 together, twice as long as the calyx: stems declining.

Melilótus  
ornithopo-  
dioides.

*With. Arr. 645. Curt. 2.*

*Bluff.* pale red.

*Birds'-foot Trefoil.* Sandy pastures.

Diad. Dec.

July.

*Melilotus*  
*officinális.*

T. Capsules in bunches, often 2-seeded, wrinkled, acute: stem upright.

*With. Arr. 645. Fl. Rust. 72.*

Diad. Dec.

*Bloss. yellow. Melilot Trefoil.*

Meadows in stiff soil. July.

*striatum.*

T. Heads sitting, mostly lateral, egg-shaped: calyxes scored, rounded.

*With. Arr. 649.*

*Bloss. pale red.*

Diad. Dec.

*Soft Knotted Trefoil. Dry meadows.*

*ochroleucum.*

T. Spikes woolly: stem upright, pubescent: lower leaflets inversely heart-shaped: lower tooth of the calyx as long as the tube of the blossom.

*With. Arr. 653. Fl. Rust. 35.*

Diad. Dec.

*Brimstone Trefoil. Dry meadows. July.*

*maritimum.*

T. Spikes hairy, globular: stipulæ spear-shaped, upright: calyx-teeth spreading and dilated after flowering: leaflets inversely egg-

spear-shaped : upper leaves opposite.

*With. Arr. 653. E. Bot. 220.*

*Bloss.* pale reddish purple. July. Diad. Dec.

*Teasel-headed Trefoil.* Sea coast.

T. Spikes oval, closely tiled, procumbens many-flowered : stems wide-spreading.

*With. Arr. 654. Curt. 5.*

*Flowers* upright, yellow.

*Hop Trefoil.* Dry meadows. Diad. Dec.

T. Without stem or stalk : flowers suffocatum nearly sitting on the root.

*With. Arr. 656.*

*Bloss.* within the tube of the calyx, colourless.

Yarmouth Denes, near the sea. Diad. Dec.

Lotus. *Calyx* tubular : *Wings* converging lengthways and upwards : *Legumens* straight, generally with cells.

L. Heads of the flowers flattened at the top : stems herbaceous, trail- corniculatus

ing: legumens cylindrical, expanding.

*With. Arr.* 656. *Curt.* 2.

*Fl. Rust.* 53.

*Bloss.* sweet-scented, yellow.

*Birds'-foot Clover.* Aug.

Diad. Dec.

Meadows, heaths, road-fides.

MEDICA'GO. See Gen. Ch. p. 142.

*fativa.*

M. Flowers in bunches: legumens narrow, regular, twisted; stem upright, smooth.

*With. Arr.* 658. *Fl. Rust.* 48.

*Bloss.* purple.

*Lucern Medick.* July.

Diad. Dec.

Meadows, ditch-banks.

HYPERICUM. *Cal.* with 5 divisions:

*Petals* 5: *Filaments* numerous, united at the base into 3 or 5 sets:

*Capsule* with 3 or 5 cells, and many seeds.

*hirsutum.*

H. Calyx ferrated with glands: stem cylindrical, upright: leaves egg-shaped, somewhat downy.

*With. Arr.* 666. *Curt.* 3.

*Petals yellow.*

*Hairy St. John's Wort.* Thickets, Polyad. Poly.  
hedges. July.

H. Calyx ferrated with glands: pul'chrum.  
stem cylindrical: leaves embrac-  
ing the stem, heart-shaped,  
smooth.

*With. Arr. 667. Curt. 1.*

*Upright St. John's Wort.* Hedges, Polyad. Poly.  
heaths. July.

H. Stem 2-edged: leaves blunt: perforatum.  
with pellucid dots.

*With. Arr. 664. Curt. 1.*

*E. Bot. 295.*

*Common St. John's Wort.* July.

Thickets, hedges, dry banks. Polyad. Poly.

TRAGOPOGON. See Gen. Ch. p.  
144.

T. Calyx as long as the rays of the praten'fe.  
blossom: leaves entire, quite  
straight: fruit-stalk cylindrical.

*With. Arr. 672.*

*Bloss. yellow.*

*Yellow Goat's-beard.* Meadows. Syng. Æqua.



SONCHUS. *Recept.* naked: Calyx  
tiled, bellying: Down hair-like.

oleraceus.

S. Fruit - stalks cottony: calyxes  
smooth.

*With. Arr.* 675. *Curt.* 2.

Flowers yellow.

Common Sow-thistle.

Var. 1. *Lævis.* Leaves smooth,  
the lower with winged clefts,  
the lower segments long.

Syng.Æqua.

Cultivated ground. Aug.

LEONTO'DON. See Gen. Ch. p. 9.

Taraxacum

L. Outer scales of the calyx up-  
right, close to the inner, entire:  
leaves spear-shaped, very entire,  
or only toothed.

*With. Arr.* 679. *Curt.* 1.

Syng.Æqua.

Moors, moist places.

hirsutum.

L. All the scales of the calyx up-  
right: leaves toothed, hairy, hairs  
undivided: outer row of seeds  
downless.

*With. Arr.* 682. *Curt.* 6.

Flowers yellow.

Syng.Æqua.

Heaths, commons. Aug.

HIERACIUM. See Gen. Ch. p. 143.

H. Stem upright, panicle terminating: leaves spear-shaped, embracing the stem: glaucous underneath. prenanthoides.

*With. Arr.* 685.

Woods in Scotland.

Syng. Æqua.

CREPIS. *Recept.* naked: *Cal.* double, the outer one deciduous: *Down* hair-like, sometimes standing on a pedicle.

C. Leaves between notched, and winged, rough with hair: leaf-stalks toothed. foetida.

*With. Arr.* 689.

*Flowers* small, yellow.

*Stinking Hawkbeard.* Dry meadows. Syng. Æqua.  
July.

C. Leaves spear-shaped, notched, fitting, smooth; the lower ones toothed. testorum.

*With. Arr.* 689. *Curt.* 5.

*Florets* yellow on both sides.

*Smooth Succory Hawkweed.* Meadows, walls, roofs. Syng. Æqua.  
Sept.

**HYPOCHÆRIS.** See Gen. Ch. p. 146.

glabra.

**H.** Smooth: stem branched, leafless: leaves toothed and indented: calyx oblong, tiled.

*With. Arr.* 692. *Curt.* 3.

*Bloss.* yellow, close.

Syng. Æqua.

*Smooth Cat's-ear.* Sandy, gravelly soils. Aug.

**LAP'SANA.** *Recept.* naked: *Calyx* double; all the inner scales channelled.

communis.

**L.** Calyxes, after flowering, angular: fruit-stalks slender, very much branched.

*With. Arr.* 693. *Curt.* 1.

*Bloss.* yellow.

Syng. Æqua.

*Common Nipplewort.* Hedges, shady places. July.

**CARDUUS.** See Gen. Ch. p. 146.

acanthoides.

**C.** Leaves indented, thorny at the edge: calyxes on fruit-stalks, foliary, upright, woolly.

*With. Arr.* 698.

*Flowers* purplish, or white.

Syng.Æqua.

*Wetted Thistle.* Road-fides. Sept.

- C. Leaves toothed, thorny at the edge: flowers in bunches, upright: fruit - stalks without thorns. palústris.

*With. Arr.* 697. *Curt.* 6.

*Blöff.* purple, or white. July. Syng.Æqua.

- C. Leaves decurrent half - way down towards the next below, thorny: fruit - stalks crooked: calyx scales expanding upwards. nítans.

*With. Arr.* 699.

*Flowers* sweet - scented in the night.

*Musk Thistle.* Pastures in a calcareous soil. July. Syng.Æqua.

- C. Leaves with winged clefts, hispid: segments straddling: calyxes egg-shaped, thorny, woolly: stem hairy. lanceolátus.

*With. Arr.* 699. *E. Bot.* 107.

*Fl. Rust.* 131.

*Blöff.* purple. Aug.

*Spear Thistle.* Rubbish, road-fides. Syng.Æqua.

.helenioides.

C. Leaves embracing the stem, spear-shaped, toothed, fringed, with small unequal thorns: stem without thorns.

*With. Arr.* 702.

Flowers large, purple.

Great English Soft or Melancholy  
Thistle. Mountainous pastures.

Syng. Æqua.

July.

CARLINNA. *Cal.* radiated: the scales next the blossoms long, coloured.

vulgaris.

C. Stem with many flowers in a corymbus: flowers terminating: rays of the calyx yellow white.

*With. Arr.* 704.

Syng. Æqua.

Wild Carline Thistle. Dry meadows.

TANACÉTUM. *Recept.* naked: Down none: *Cal.* hemispherical, tiled: Florets of the circumference 3-cleft, narrow-strap-shaped: sometimes wanting.

vulgare.

T. Leaves double-winged, cut, ferrated.

*With. Arr.* 708. *Woodv.* 115.

*Flowers in a corymbus, yellow.*

*Common Tansy.* Banks of rivers. Syng. Super.

SENÉCIO. See Gen. Ch. p. 9.

S. Leaves lyre - shaped, almost winged: segments finely jagged: stem upright. Jacobæa.

*With. Arr. 724. Fl. Rust. 85.*

*Bloss.* deep yellow.

*Ragwort. St. James's Wort.* Syng. Super.

Meadows, road-sides. July.

CINERARIA. See Gen. Ch. p. 147.

C. Flowers in a corymbus: leaves broad-spear-shaped, toothed - indented: stem woolly. palustris.

*With. Arr. 729. E. Bot. 151.*

*Bloss.* pale yellow.

*Marsh Fleawort.* Marshes. July. Syng. Super.

CHRYSANTHEMUM. *Recept.* naked:

*Down* none, but a kind of border: *Cal.* hemispherical, tiled; scales membranaceous at the edge.



Leucan'themum.

C. Leaves embracing the stem, oblong : ferrated upwards, toothed at the base.

*With. Arr.* 733. *Curt.* 5.  
*Fl. Rust.* 109.

Syng. Super.

*Greater Daisy-Ox-eye.* Dry meadows, walls. July.

fégetum.

C. Leaves embracing the stem, jagged upwards, tooth-ferrated towards the base.

*With. Arr.* 735. *Curt.* 6.  
*Fl. Rust.* 110.

Syng. Super.

*Corn Marigold.* Corn-fields. Oct.

MATRICA'RIA. See Gen. Ch. 148.

parthénium.

M. Leaves compound, flat : leaf-its egg-shaped, cut : fruit-stalks branched.

*With. Arr.* 735. *Woodv.* 249.

Syng. Super.

*Common Feverfew.* Waste places, hedges, walls. July.

AN'THEMIS. See Gen. Ch. p. 148.

arven'fis.

A. Receptacles conical : chaff bristle-like : seeds crowned with a border.

*With. Arr.* 737. *Fl. Rust.* 73.



*Corn Chamomile.* July.

Gravel-pits, corn and fallow- Syng. Super.  
fields.

ACHILLEA. *Recept.* chaffy: Down  
none: *Calyx* egg-shaped, tiled:  
strap-shaped florets from 5 to 10.

A. Leaves strap-spear-shaped, em- Ptar'mica-  
bracing the stem, finely serrated.

*With. Arr.* 741. *Curt.* 5.

*Sneezewort.* Yarrow. Goose-  
tongue. Moist meadows, shady Syng. Super.  
places. Aug.

A. Leaves doubly winged, seg- Millefolium.  
ments of the wings strap-shaped,  
toothed.

*With. Arr.* 742. *Curt.* 6.

*Woodv.* 64. *Fl. Rust.* 123.

*Bluff.* white, or reddish purple.

Yarrow. Millfoil Yarrow. Mea- Syng. Super.  
dows, road-sides. Aug.

CENTAUREA. *Recept.* bristly: Down  
either feathered or hair-like:  
*Florets of the circumference* funnel-  
shaped, irregular, longer than the  
other.

Cy'anus,

C. Calyx scales serrated: leaves  
strap-shaped, very entire: the  
lower ones toothed.

*With. Arr. 742. Curt. 6.*

*E. Bot. 277. Fl. Rust. 111.*

Syng. Frus.

*Blue Bottle. Eachelor's Buttons.*

Corn-fields.

Aug.

